

2SSO10154	Active	787845 Jill Barnes	Certified
2SSO10154	Active	788204 Bianca Gomez	Certified
2SSO10154	Active	788637 Bianca Gomez	Certified
2SSO10154	Active	789141 Bianca Gomez	Certified
2SSO10154	Active	789485 Bianca Gomez	Certified
2SSO10154	Active	789487	Ready To Certify
2SSO10154	Active	789950 Bianca Gomez	Certified
2SSO10154	Active	791043 Bianca Gomez	Certified
2SSO10154	Active	791252 Bianca Gomez	Certified
2SSO10154	Active	792118 Bianca Gomez	Certified
2SSO10154	Active	792167 Bianca Gomez	Certified
2SSO10154	Active	792634 Bianca Gomez	Certified
2SSO10154	Active	792838 Bianca Gomez	Certified
2SSO10154	Active	793113 Bianca Gomez	Certified
2SSO10154	Active	793282 Bianca Gomez	Certified
2SSO10154	Active	794635 Bianca Gomez	Certified
2SSO10154	Active	797130 Bianca Gomez	Certified
2SSO10154	Active	797131 Bianca Gomez	Certified
2SSO10154	Active	797786 Bianca Gomez	Certified
2SSO10154	Active	797802 Bianca Gomez	Certified
2SSO10154	Active	798301 Bianca Gomez	Certified
2SSO10154	Active	798532 Bianca Gomez	Certified
2SSO10154	Active	798556 Bianca Gomez	Certified
2SSO10154	Active	800324	Submit Draft
2SSO10154	Active	800498	Submit Draft
2SSO10155	Active	650449 Michael Killigrew	Certified
2SSO10155	Active	650536 Michael Killigrew	Certified
2SSO10155	Active	650575 Michael Killigrew	Certified
2SSO10155	Active	651379 Michael Killigrew	Certified
2SSO10155	Active	651512 Michael Killigrew	Certified
2SSO10155	Active	652023 Michael Killigrew	Certified
2SSO10155	Active	652625 Michael Killigrew	Certified
2SSO10155	Active	653962 Michael Killigrew	Certified
2SSO10155	Active	653963 Michael Killigrew	Certified
2SSO10155	Active	655295 Michael Killigrew	Certified
2SSO10155	Active	656015 Michael Killigrew	Certified
2SSO10155	Active	706439 Michael Killigrew	Certified
2SSO10155	Active	706444 Michael Killigrew	Certified
2SSO10155	Active	706452 Michael Killigrew	Certified
2SSO10155	Active	706458 Michael Killigrew	Certified
2SSO10155	Active	706465 Michael Killigrew	Certified
2SSO10155	Active	706714 Michael Killigrew	Certified
2SSO10155	Active	706718 Michael Killigrew	Certified
2SSO10155	Active	707506 Michael Killigrew	Certified
2SSO10155	Active	707509 Michael Killigrew	Certified
2SSO10155	Active	707530 Michael Killigrew	Certified
2SSO10155	Active	707834 Michael Killigrew	Certified
2SSO10155	Active	707890 Michael Killigrew	Certified
2SSO10155	Active	707955 Michael Killigrew	Certified
2SSO10155	Active	708226 Michael Killigrew	Certified
2SSO10155	Active	708228 Michael Killigrew	Certified
2SSO10155	Active	708229 Michael Killigrew	Certified
2SSO10155	Active	709818 Michael Killigrew	Certified
2SSO10155	Active	709819 Michael killigrew	Certified
2SSO10155	Active	709820 Michael Killigrew	Certified

Associate Engineer
Associate Engineer
Associate Engineer
Associate Engineer

[illegible]

Mill Valley	545998
City of Mill Valley	995990
City of Mill Valley	443251
City of Mill Valley	488674
City of Mill Valley	397545

City of Mill Valley	585903
City of Mill Valley	890830
City of Mill Valley	208840
City of Mill Valley	704291
City of Mill Valley	927544
City of Mill Valley	208211
City of Mill Valley	697286
City of Mill Valley	769292
City of Mill Valley	556527
City of Mill Valley	955731
City of Mill Valley	951518
City of Mill Valley	107071
City of Mill Valley	570535
City of Mill Valley	795626
City of Mill Valley	119481
City of Mill Valley	158703
City of Mill Valley	147559

Millbrae Public Works	250027
Millbrae Public Works	334107
Millbrae Public Works	177257
Millbrae Public Works	286001
Millbrae Public Works	781595
Millbrae Public Works	822260
Millbrae Public Works	551848
Millbrae Public Works	993285
Millbrae Public Works	887195
Millbrae Public Works	331415
Millbrae Public Works	981767
Millbrae Public works	421114
Millbrae Public Works	949737
Millbrae Public Works	149253
Millbrae Public Works	987379
Millbrae Public Works	962451
Millbrae Public Works	603637
Millbrae Public Works	266810
Millbrae Public Works	253717
Millbrae Public Works	336552
Millbrae Public Works	661540
Millbrae Public Works	475439
Millbrae Public Works	887739
Millbrae public Works	416580
Millbrae Public Works	976508
Millbrae Public Works	732993
Millbrae Public Works	580045
Millbrae Public Works	407367
Millbrae Public Works	506601
Millbrae Public Works	450895

5-Nov-12	11/5/2012	5-Nov-12	11/5/2012
19-Nov-12	11/19/2012	5-Feb-13	2/5/2013
30-Nov-12	11/30/2012	5-Feb-13	2/5/2013
18-Dec-12	12/18/2012	5-Feb-13	2/5/2013
27-Dec-12	12/27/2012	5-Feb-13	2/5/2013
27-Dec-12	12/27/2012		
8-Jan-13	1/8/2013	5-Feb-13	2/5/2013
31-Jan-13	1/31/2013	5-Feb-13	2/5/2013
5-Feb-13	2/5/2013	20-Jun-13	6/20/2013
26-Feb-13	2/26/2013	20-Jun-13	6/20/2013
27-Feb-13	2/27/2013	20-Jun-13	6/20/2013
14-Mar-13	3/14/2013	20-Jun-13	6/20/2013
21-Mar-13	3/21/2013	20-Jun-13	6/20/2013
2-Apr-13	4/2/2013	20-Jun-13	6/20/2013
9-Apr-13	4/9/2013	24-Jun-13	6/24/2013
31-May-13	5/31/2013	24-Jun-13	6/24/2013
23-Jul-13	7/23/2013	11-Sep-13	9/11/2013
23-Jul-13	7/23/2013	11-Sep-13	9/11/2013
13-Aug-13	8/13/2013	11-Sep-13	9/11/2013
13-Aug-13	8/13/2013	11-Sep-13	9/11/2013
28-Aug-13	8/28/2013	11-Sep-13	9/11/2013
6-Sep-13	9/6/2013	11-Sep-13	9/11/2013
6-Sep-13	9/10/2013	11-Sep-13	9/11/2013
29-Oct-13	10/29/2013		
4-Nov-13	11/4/2013		
12-May-07		15-May-07	10/23/2008
15-May-07		15-May-07	10/23/2008
16-May-07		16-May-07	10/23/2008
5-Jun-07		10-Dec-07	10/23/2008
8-Jun-07		8-Jun-07	10/23/2008
18-Jun-07		18-Jun-07	10/23/2008
22-Jun-07		22-Jun-07	10/23/2008
11-Jul-07		11-Jul-07	12/14/2010
11-Jul-07		11-Jul-07	10/23/2008
6-Aug-07		6-Aug-07	10/23/2008
17-Aug-07		23-Oct-08	10/23/2008
24-Oct-07		24-Oct-07	10/23/2008
24-Oct-07		24-Oct-07	10/23/2008
24-Oct-07		24-Oct-07	10/23/2008
24-Oct-07		24-Oct-07	10/23/2008
24-Oct-07		24-Oct-07	10/23/2008
29-Oct-07		29-Oct-07	10/23/2008
29-Oct-07		29-Oct-07	10/23/2008
9-Nov-07		9-Nov-07	10/23/2008
9-Nov-07		9-Nov-07	10/23/2008
9-Nov-07		9-Nov-07	10/22/2008
16-Nov-07		22-Oct-08	10/22/2008
19-Nov-07		19-Nov-07	10/22/2008
21-Nov-07		21-Nov-07	10/22/2008
27-Nov-07		22-Oct-08	10/22/2008
27-Nov-07		22-Oct-08	10/22/2008
27-Nov-07		27-Nov-07	10/22/2008
18-Dec-07		18-Dec-07	10/22/2008
18-Dec-07		18-Dec-07	10/22/2008
18-Dec-07		18-Dec-07	10/22/2008

Category 1		3000	750
Category 3		50	50
Category 3		70	0
Category 3		25	0
Category 3		34	0
Category 3		150	120
Category 3		60	0
Category 3		75	0
Category 3		40	0
Category 3		5	0
Category 3		20	0
Category 2		1500	0
Category 3		15	0
Category 3		20	0
Category 3		10	0
Category 3		25	0
Category 3	20	20	20
Category 3	39	39	0
Category 3	21	21	0
Category 3	20	20	0
Category 3	0	16	16
Category 3	0	75	75
Category 1	0	375	0
Category 3	5	5	0
Category 1	200	400	0
Category 3		400	400
Category 3		25	25
Category 3		25	0
Category 3		1	1
Category 3		1	1
Category 3		3	3
Category 3		25	25
Category 1		50	30
Category 3		100	100
Category 3		6	6
Category 3		50	50
Category 3		5	0
Category 3		25	10
Category 3		10	10
Category 3		25	25
Category 3		3	3
Category 3		2	2
Category 3		5	5
Category 3		5	5
Category 3		5	5
Category 3		5	5
Category 1		100	30
Category 3		1	0
Category 1		5	3
Category 3		1	1
Category 3		1	1
Category 3		1	1
Category 1		100	20
Category 1		10	5
Category 3		1	1

2250 Yes	Yes
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	Yes
0 No	Yes
375 Yes	Yes
0 No	No
200 Yes	Yes
0 Yes	Yes
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
20 No	Yes
0 No	No
0 No	No
0 No	Yes
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
70 Yes	Yes
0 No	No
2 Yes	Yes
0 No	No
0 No	No
0 No	No
80 Yes	Yes
5 Yes	Yes
0 No	No

[illegible]

Not Applicable - Spill did not reach a separate storm drainpipe

Not

Not Applicable - Spill did not reach storm drainpipe
Not Applicable - Spill did not reach storm drainpipe
Not Applicable - Spill did not reach storm drainpipe
Not Applicable - Spill did not reach storm drainpipe
Not Applicable - Spill did not reach storm drainpipe

Not Applicable - Spill did not reach storm drainpipe

Not Applicable - Spill did not reach storm drainpipe

No

[illegible]

No

Not Applicable - Spill did not reach storm drainpipe

No

Not Applicable - Spill did not reach storm drainpipe

Not Applicable - Spill did not reach storm drainpipe

Not Applicable - Spill did not reach storm drain/pipe

No

No

Not Applicable - Spill did not reach storm drainpipe

14 Marguerite Avenue
75 Ryan Avenue
Bernard Stairs (30-40 Bayview Ave)
57 Fairway Drive
2 Tamalpais Avenue
247 Summit Avenue
8 Laurel Street
Bernard Stairs
60 Monte Vista Avenue
4 Stanton Way
14 Lower Drive
150 Monte Vista Avenue
84 Alta Vista Avenue
471 Throckmorton Avenue
285 Manor Dr
162 Hillside Avenue
382 Miller Avenue
21 Glen Drive
186 Corte Madera Avenue
162 Hillside Avenue
36 Glen Dr
114 Ryan Avenue
52 Lovell Avenue
178 Sycamore Avenue
Molino Avenue
29 Via Canon
1150 Hillcrest
752 Santa Margarita
79 Conejo
871 Taylor
241 Hazel
1225 Helen Dr.
1101 Millbrae Ave
850 Taylor Ave.
300 Hazel
53 Via Canon
485 Broadway
12 Poplar
547 Anita Dr.
508 Helen Dr.
230 Hazel
179 Magnolia
721 Talor
367 Minorca
951 Murchison
821 Taylor
360 Taylor
300 Hazel
1 Hazel
111 Maple Place
351 Laurel
171 Minorca.
1391 Broadway
1100 El Camino Real
50 Elder

37.917961	-122.553706 Marin
37.898989	-122.530475 Marin
37.907481	-122.549417 Marin
37.911364	-122.534919 Marin
37.908072	-122.550289 Marin
37.910031	-122.5535 Marin
37.906844	-122.555572 Marin
37.907311	-122.549697 Marin
37.906336	-122.561119 Marin
37.911233	-122.525964 Marin
37.913603	-122.522653 Marin
37.905717	-122.562039 Marin
37.902628	-122.533314 Marin
37.907797	-122.557339 Marin
37.907597	-122.538017 Marin
37.908325	-122.543358 Marin
37.897244	-122.537153 Marin
37.916578	-122.539761 Marin
37.911897	-122.550947 Marin
37.908286	-122.543358 Marin
37.918483	-122.539917 Marin
37.900069	-122.529525 Marin
37.906319	-122.549817 Marin
37.8994	-122.53735 Marin
37.902328	-122.549786 Marin
37.593056	122.4025 San Mateo
37.594167	122.403889 San Mateo
37.607222	122.411944 San Mateo
37.586389	122.402222 San Mateo
37.586389	122.401111 San Mateo
37.596944	122.394444 San Mateo
37.603889	122.422222 San Mateo
37.5925	-122.398056 San Mateo
37.598056	122.402778 San Mateo
37.597778	122.396944 San Mateo
37.5925	122.403611 San Mateo
37.602222	122.393611 San Mateo
37.596111	122.391944 San Mateo
37.6	122.406667 San Mateo
37.600556	122.407222 San Mateo
37.596667	122.396111 San Mateo
37.599167	122.391111 San Mateo
37.5975	122.398611 San Mateo
37.596111	122.401111 San Mateo
37.591944	122.394444 San Mateo
37.5975	122.400278 San Mateo
37.6	122.427778 San Mateo
37.597778	122.396944 San Mateo
37.594444	122.394444 San Mateo
37.591667	122.397778 San Mateo
37.5975	122.397778 San Mateo
37.593889	122.399167 San Mateo
37.609167	122.401667 San Mateo
37.608056	122.397778 San Mateo
37.596111	122.392778 San Mateo

[illegible]

D12 & DF1

street/curb and gutter

Spill occurred at cleanout close to building. When city crews arrived and began to loosen city c.o, they realised it was under the building.
Spill happened at the cleanout on the lower lateral.

Parking lot of rec. center.

Spill occurred when wastewater leaked through a crack in a gravity line and filtered in to a storm drain line 2' below it.
Cleanout on sidewalk.
Spill filtered through lawn and saturated an area possibly through a crack or joint on that building's lateral.
Cleanout on sidewalk
Cleanout in Driveway

City lateral cleanout in the sidewalk.
City lateral cleanout in the sidewalk.

Cleanout in sidewalk.

M.H.

1
1
1
1
1
1
1
1
1
1

er pressure and set our vac-con over the

Manhole
Other sewer system structure
Other (specify)
Manhole
Manhole
Manhole
Other sewer system structure
Other sewer system structure
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Other sewer system structure
Manhole
Manhole
Other sewer system structure
Manhole
Manhole
Manhole
Gravity Mainline
Manhole
Gravity sewer
Gravity sewer
Gravity sewer
Gravity sewer
Gravity sewer
Gravity sewer
Gravity sewer
Gravity sewer
Gravity sewer
Gravity sewer
Gravity sewer
Gravity sewer
Gravity sewer
Gravity sewer
Gravity sewer
Gravity sewer
Building or structure
Gravity sewer
Gravity sewer
Gravity sewer
Gravity sewer
Gravity sewer
Manhole
Gravity sewer
Gravity sewer
Gravity sewer
Gravity sewer
Gravity sewer
Manhole
Gravity sewer
Gravity sewer

HL-5
clean out
Clean out
LM1
G3
G14
Clean outs D12 & DF1
Cleanout-G2
DE12
RE4
S9
DE13
PF4
BAT14
LF13B
NA4B
Clean out
L51
H9
NA4B; Clean out
L54
PZ1
FE2

FK5

At lower lateral clean out.

At city maintained cleanout in sidewalk.
Overflowed at cleanout.

Spill appeared where a stormdrain ties into a seasonal drainage channel.

Cleanout in Garage floor.

Private cleanout in lawn 2' behind the sidewalk.

Separate storm drain
Unpaved surface
Street/curb and gutter;Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Street/curb and gutter
Street/curb and gutter
Street/curb and gutter
Unpaved surface
Street/curb and gutter
Street/curb and gutter
Unpaved surface
Unpaved surface
Street/curb and gutter
Street/Curb and Gutter
Street/curb and gutter
Unpaved surface
Other (specify below)
Street/Curb and Gutter;Separate storm drain
Separate storm drain;Surface water
Paved Surface
Unpaved surface
Other (specify below)
Other (specify below)
Unpaved surface
Other paved surface
Other paved surface
Street/curb and gutter
Other paved surface
Street/curb and gutter
Other paved surface
Other (specify below)
Storm drain;Unpaved surface
Other paved surface
Other (specify below)
Other paved surface
Street/curb and gutter
Building or structure
Other paved surface
Unpaved surface
Street/curb and gutter
Street/curb and gutter
Street/curb and gutter
Storm drain;Street/curb and gutter
Other paved surface
Storm drain;Street/curb and gutter
Other paved surface
Other (specify below)
Unpaved surface
Storm drain
Storm drain
Other paved surface

Captured in storm drain
Spill captured in storm drain

Overflow was contained at a point in a natural drainage channel 500' downstream from the overflow. Overflow was vacu
Spill was totally contained and returned to the s.s.

Parking lot

Spill drained to a paved surface which had a blocked drainage pipe. Crews were able to recover all of the spill.
Lawn

Sidewalk.
Lawn

Sidewalk.

Lawn.
Lawn.

Sidewalk

11/4/2012 11:15	11/4/2012 11:15	11/4/2012 11:35	11/4/2012 14:05
11/18/2012 9:10	11/18/2012 9:10	11/18/2012 10:03	11/18/2012 10:40
11/30/2012 9:30	11/30/2012 9:37	11/30/2012 9:45	11/30/2012 9:55
12/13/2012 7:15	12/13/2012 7:15	12/13/2012 7:30	12/13/2012 7:35
12/26/2012 14:02	12/26/2012 14:02	12/26/2012 14:10	12/26/2012 14:17
12/26/2012 14:00	12/26/2012 14:05	12/26/2012 14:15	12/26/2012 14:31
1/8/2013 9:10	1/8/2013 9:30	1/8/2013 10:15	1/8/2013 10:45
1/31/2013 10:20	1/31/2013 10:20	1/31/2013 10:45	1/31/2013 11:00
2/5/2013 13:45	2/5/2013 13:45	2/5/2013 13:55	2/5/2013 14:03
1/21/2013 16:20	1/22/2013 10:50	1/22/2013 13:00	1/22/2013 13:05
1/21/2013 12:45	1/21/2013 12:45	1/21/2013 13:00	1/21/2013 14:00
3/13/2013 19:30	3/13/2013 19:30	3/13/2013 19:30	3/13/2013 22:30
3/16/2013 12:00	3/16/2013 12:00	3/16/2013 12:30	3/16/2013 1:10
4/2/2013 9:45	4/20/2013 10:00	4/20/2013 10:40	4/20/2013 11:00
4/9/2013 9:39	4/9/2013 9:39	4/9/2013 10:00	4/9/2013 10:00
5/30/2013 9:00	5/30/2013 9:05	5/30/2013 9:45	5/30/2013 10:10
7/15/2013 8:05	7/15/2013 8:08	7/15/2013 8:15	7/15/2013 8:18
7/7/2013 11:00	7/7/2013 11:01	7/7/2013 11:17	7/7/2013 11:30
8/13/2013 7:26	8/13/2013 7:26	8/13/2013 7:35	8/13/2013 7:41
8/12/2013 8:55	8/12/2013 9:00	8/12/2013 9:15	8/12/2013 9:30
8/28/2013 13:00	8/28/2013 13:00	8/28/2013 13:27	8/28/2013 13:35
8/31/2013 13:30	8/31/2013 13:30	8/31/2013 14:00	8/31/2013 14:30
9/2/2013 10:25	9/2/2013 10:25	9/2/2013 10:50	9/2/2013 11:05
10/28/2013 20:15	10/28/2013 20:15	10/28/2013 20:30	10/28/2013 20:40
11/3/2013 9:35	11/3/2013 9:35	11/3/2013 10:30	11/3/2013 11:05
5/12/2007 10:45	5/12/2007 11:00	5/12/2007 11:25	5/12/2007 12:30
5/14/2007 8:45	5/14/2007 8:45	5/14/2007 9:15	5/14/2007 8:15
5/13/2007 14:08	5/13/2007 14:08	5/13/2007 14:30	5/13/2007 14:35
6/3/2007 19:30	6/3/2007 19:30	6/3/2007 19:55	6/3/2007 19:30
6/6/2007 14:35	6/6/2007 14:35	6/6/2007 14:45	6/6/2007 14:45
6/15/2007 15:00	6/15/2007 15:00	6/15/2007 15:10	6/15/2007 15:10
6/21/2007 9:15	6/21/2007 9:15	6/21/2007 9:30	6/21/2007 9:30
7/6/2007 15:00	7/6/2007 15:00	7/6/2007 15:15	7/6/2007 15:30
7/8/2007 14:00	7/8/2007 14:00	7/8/2007 14:27	7/8/2007 14:45
8/3/2007 11:00	8/3/2007 11:00	8/3/2007 11:10	8/3/2007 11:10
8/15/2007 13:00	8/15/2007 13:00	8/15/2007 13:15	8/15/2007 13:20
10/1/2007 16:14	10/1/2007 16:14	10/1/2007 16:40	10/1/2007 16:40
10/8/2007 8:30	10/8/2007 8:30	10/8/2007 8:45	10/8/2007 8:45
10/14/2007 17:19	10/14/2007 17:16	10/14/2007 17:40	10/14/2007 17:40
10/16/2007 7:15	10/16/2007 7:15	10/16/2007 7:25	10/16/2007 7:15
10/19/2007 9:00	10/20/2007 10:56	10/20/2007 11:20	10/20/2007 10:56
10/21/2007 4:30	10/21/2007 4:30	10/21/2007 4:50	10/21/2007 5:44
10/22/2007 2:15	10/22/2007 2:15	10/22/2007 2:25	10/22/2007 3:00
11/2/2007 1:00	11/2/2007 1:00	11/2/2007 1:30	11/2/2007 1:00
11/3/2007 10:15	11/3/2007 10:15	11/3/2007 10:40	11/3/2007 10:15
11/5/2007 18:30	11/5/2007 18:30	11/5/2007 19:00	11/5/2007 18:30
11/15/2007 22:50	11/15/2007 22:50	11/15/2007 23:10	11/15/2007 23:20
11/11/2007 11:40	11/11/2007 11:40	11/11/2007 12:10	11/11/2007 12:10
11/19/2007 9:30	11/19/2007 9:30	11/19/2007 9:45	11/19/2007 9:45
11/23/2007 11:20	11/23/2007 11:20	11/23/2007 11:30	11/23/2007 11:30
11/25/2007 14:30	11/25/2007 14:30	11/25/2007 15:00	11/25/2007 16:00
11/25/2007 16:10	11/25/2007 16:10	11/25/2007 16:30	11/25/2007 17:30
12/12/2007 8:30	12/12/2007 8:30	12/12/2007 8:45	12/12/2007 8:45
12/12/2007 10:00	12/12/2007 10:00	12/12/2007 10:15	12/12/2007 10:20
12/17/2007 14:15	12/17/2007 14:15	12/12/2007 14:25	12/12/2007 14:25

Other (specify below)
Other (specify below)
Root intrusion
Other (specify below)
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Other (specify below)
Root intrusion
Root intrusion
Root intrusion
Grease deposition (FOG)
Root intrusion
Other (specify below)
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Other (specify below)
Root intrusion
Root Intrusion
Root Intrusion
Root intrusion
Root intrusion
Root intrusion
Debris
Root intrusion
Debris
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Pipe structural problem/failure
Debris
Root intrusion
Root intrusion
Debris
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Operator error
Root intrusion
Root intrusion
Root intrusion
Pipe structural problem/failure
Debris
Grease deposition (FOG)
Grease deposition (FOG)
Debris

Tree branch
baby wipes

Paper
also, towel & wet weather
also, wet weather

Paper
also grease
also paper

Paper; Grit/Gravel

Grease, Roots, Wipes

Wipes
also gravel

Lateral crack in 6 gravity line.

Maintenance crew left a debris retrieving tool in the M.H while doing maintenance on the line in August.

Main
Main
Main
Main
Main
Main
Main
Main
Main
Main
Main
Main
Main
Main
Main
Main
Main
Main
Main
Main
Main
Main
Gravity Mainline
Manhole

Main

HL-5
P4
UNK101
LM1
G3
G14
between D12 & DF1
G2
DE12
RE4
S9
DE13
PF4
BAT14
LF13B
NA4B

L51
H9
NA4B
L54
PZ1
FE2

FK5

No
No
No
No
No
No
No
No
No

6 V.C.P
4 V.C.P

4 v.c.p
4 V.C.P.

50
30

50

Home owner has been advised that it is a private problem and needs to call a plumber to fix the problem.

11/4/2012 2:50

3/13/2013 22:30

9/2/2013 11:05

11/3/2013 11:05

5/12/2007 18:04

7/6/2007 15:30

8/15/2007 14:00

11/16/2007 8:00

11/19/2007 10:30

12/12/2007 11:00

12/12/2007 11:00

Other (specify below)

Added sewer to preventive maintenance program

Added sewer to preventive maintenance program

Adjusted schedule/method of preventive maintenance
Plan rehabilitation or replacement of sewer

Added sewer to preventive maintenance program

Plan rehabilitation or replacement of sewer

Other (specify below)

Added sewer to preventive maintenance program

Adjusted schedule/method of preventive maintenance;Plan rehabilitation or replacement of sewer
Plan rehabilitation or replacement of sewer

Cleared debris from sewer line

The maintenance crew has been instructed to be more diligent and to account for all tools at the end of the day.

No

No

Yes

Conti

No

No

No

No

No

No

Yes

No

Clean.

Yes

No

Yes

No

No
No

No

No

No

No

No

No
No

N/A

N/A
NA

NA

NA

N / A

N/A
N / A

Arroyo Corte Madera del Presidio Creek

N/A
N/A
N/A
N/A
N/A
N/A
N/A
N/A
N/A
N/A
N/A
N/A
N/A
N/A
N/A
N/A

Old Mill Creek

NA

NA

NA

N / A

N/A
N / A

Biological indicator(s) - specify below

No water quality samples taken

Biological indicator(s) - specify below

Not applicable to this spill
No water quality samples taken

No water quality samples taken

No water quality samples taken

No water quality samples taken

No water quality samples taken

No water quality samples taken
No water quality samples taken

Total coliform; fecal coliform; enterococcus bacteria

Coliform; E-Coli; Enterococcus

County Health Agency;Regional Water Quality Control Board

None of the above

County Health Agency;Regional Water Quality Control Board

Not applicable to this spill
No water quality samples taken

None of the above

No water quality samples taken

No water quality samples taken

None of the above

None of the above
None of the above

eyeball estimate

duration & flow rate

126669

11/4/2012 14:45

135590

9/6/2013 9:30

Robert Zadnik	4153884033
Robert Zadnik	4153884033
Robert Zadnik	4153884033
Robert Zadnik	4153884033
Robert Zadnik	4153884033
Bianca Gomez	4153884033
Bianca Gomez	4153884033
Bianca Gomez, Associate Engineer	4153884033
Bianca Gomez, Associate Engineer	4153884033

2SSO10155	Active	709821 Michael Killigrew	Certified
2SSO10155	Active	709823 Michael Killigrew	Certified
2SSO10155	Active	710166 Michael Killigrew	Certified
2SSO10155	Active	710644 Michael Killigrew	Certified
2SSO10155	Active	710807 Michael Killigrew	Certified
2SSO10155	Active	710810 Michael Killigrew	Certified
2SSO10155	Active	710813 Michael Killigrew	Certified
2SSO10155	Active	710819 Michael Killigrew	Certified
2SSO10155	Active	710823 Michael Killigrew	Certified
2SSO10155	Active	710832 Michael Killigrew	Certified
2SSO10155	Active	711088 Michael Killigrew	Certified
2SSO10155	Active	711089 Michael Killigrew	Certified
2SSO10155	Active	711090 Michael Killigrew	Certified
2SSO10155	Active	711478 Michael Killigrew	Certified
2SSO10155	Active	711570 Michael Killigrew	Certified
2SSO10155	Active	711926 Michael Killigrew	Certified
2SSO10155	Active	711928 Michael Killigrew	Certified
2SSO10155	Active	711930 Michael Killigrew	Certified
2SSO10155	Active	711933 Michael Killigrew	Certified
2SSO10155	Active	711938 Michael Killigrew	Certified
2SSO10155	Active	711947 Michael Killigrew	Certified
2SSO10155	Active	712502 Michael Killigrew	Certified
2SSO10155	Active	713038 Michael Killigrew	Certified
2SSO10155	Active	713041 Michael Killigrew	Certified
2SSO10155	Active	713042 Michael Killigrew	Certified
2SSO10155	Active	713044 Michael Killigrew	Certified
2SSO10155	Active	713045 Michael Killigrew	Certified
2SSO10155	Active	713046 Michael Killigrew	Certified
2SSO10155	Active	713095 Michael Killigrew	Certified
2SSO10155	Active	713977 Michael Killigrew	Certified
2SSO10155	Active	714110 Michael Killigrew	Certified
2SSO10155	Active	714491 Michael Killigrew	Certified
2SSO10155	Active	714575 Michael Killigrew	Certified
2SSO10155	Active	714607 Michael Killigrew	Certified
2SSO10155	Active	715009 Michael Killigrew	Certified
2SSO10155	Active	716593 Michael Killigrew	Certified
2SSO10155	Active	716604 Michael Killigrew	Certified
2SSO10155	Active	717993 Michael Killigrew	Certified
2SSO10155	Active	717999 Michael Killigrew	Certified
2SSO10155	Active	718040 Michael Killigrew	Certified
2SSO10155	Active	718046 Michael Killigrew	Certified
2SSO10155	Active	718375 Michael Killigrew	Certified
2SSO10155	Active	718382 Michael Killigrew	Certified
2SSO10155	Active	718420 Michael Killigrew	Certified
2SSO10155	Active	719483 Michael Killigrew	Certified
2SSO10155	Active	719598 Michael Killigrew	Certified
2SSO10155	Active	720042 Michael Killigrew	Certified
2SSO10155	Active	720066 Michael Killigrew	Certified
2SSO10155	Active	720768 Michael Killigrew	Certified
2SSO10155	Active	720774 Michael Killigrew	Certified
2SSO10155	Active	721531 Michael Killigrew	Certified
2SSO10155	Active	723274 Michael Killigrew	Certified
2SSO10155	Active	723277 Michael Killigrew	Certified
2SSO10155	Active	723281 Michael Killigrew	Certified
2SSO10155	Active	723282 Michael Killigrew	Certified

[illegible]

Millbrae Public Works	810139
Millbrae Public Works	366270
Millbrae Public works	793164
Millbrae Public Works	435529
Millbrae Public Works	793254
Millbrae Public Works	197144
Millbrae Public Works	604011
Millbrae Public Works.	965999
Millbrae Public Works	589135
Millbrae Public Works	666330
Millbrae Public Works	580390
Millbrae Public Works	605655
Millbrae Public Works	851397
Millbrae Public Works	966282
Millbrae Public Works	152688
Millbrae Public Works	112674
Millbrae Public Works	728589
Millbrae Public Works	161310
Millbrae Public Works	562904
Millbrae Public Works	671138
Millbrae Public Works	224893
Millbrae Public Works	697751
Millbrae Public Works	538639
Millbrae Public Works	653695
Millbrae Public Works	443898
Millbrae Public Works	182720
Millbrae Public Works	756428
Millbrae Public Works	685069
Millbrae Public Works	378656
Millbrae Public Works	506612
Millbrae Public Works	809949
Millbrae Public Works	924556
Millbrae Public Works	780128
Millbrae Public Works	675122
Millbrae Public Works	379739
Millbrae Public Works	760977
Millbrae Public Works	633712
Millbrae Public Works	539673
Millbrae Public Works	742405
Millbrae Public Works	478051
Millbrae Public Works	859431
Millbrae Public Works	111416
Millbrae Public Works	609587
Millbrae Public Works	924062
Millbrae Public Works	891697
Millbrae Public Works	214870
Millbrae Public Works.	490856
Millbrae Public Works	779129
Millbrae Public Works.	372656
Millbrae Public Works	815823
Milbrae Public Works	794103
Millbrae Public Works	751060
Millbrae Public Works	447860
Millbrae Public Works	652357
Millbrae Public Works	228791

18-Dec-07	18-Dec-07	10/22/2008
18-Dec-07	18-Dec-07	10/22/2008
21-Dec-07	21-Dec-07	10/22/2008
2-Jan-08	2-Jan-08	10/22/2008
7-Jan-08	7-Jan-08	10/22/2008
7-Jan-08	7-Jan-08	10/22/2008
7-Jan-08	7-Jan-08	10/22/2008
7-Jan-08	7-Jan-08	10/16/2008
7-Jan-08	7-Jan-08	10/16/2008
7-Jan-08	7-Jan-08	10/16/2008
10-Jan-08	10-Jan-08	10/16/2008
10-Jan-08	10-Jan-08	10/16/2008
10-Jan-08	10-Jan-08	10/16/2008
22-Jan-08	22-Jan-08	10/16/2008
23-Jan-08	23-Jan-08	10/16/2008
28-Jan-08	28-Jan-08	10/16/2008
28-Jan-08	16-Oct-08	10/16/2008
28-Jan-08	28-Jan-08	10/16/2008
28-Jan-08	28-Jan-08	10/16/2008
28-Jan-08	28-Jan-08	10/16/2008
28-Jan-08	28-Jan-08	10/16/2008
6-Feb-08	6-Feb-08	10/16/2008
19-Feb-08	19-Feb-08	10/16/2008
19-Feb-08	19-Feb-08	10/16/2008
19-Feb-08	19-Feb-08	10/16/2008
19-Feb-08	19-Feb-08	10/16/2008
19-Feb-08	19-Feb-08	10/16/2008
19-Feb-08	19-Feb-08	10/16/2008
19-Feb-08	19-Feb-08	10/16/2008
26-Feb-08	26-Feb-08	10/16/2008
27-Feb-08	27-Feb-08	10/16/2008
4-Mar-08	4-Mar-08	10/16/2008
6-Mar-08	6-Mar-08	10/16/2008
7-Mar-08	7-Mar-08	10/16/2008
18-Mar-08	18-Mar-08	10/16/2008
28-Apr-08	28-Apr-08	10/16/2008
28-Apr-08	28-Apr-08	10/16/2008
27-May-08	8-Jul-08	10/16/2008
27-May-08	27-May-08	10/16/2008
27-May-08	27-May-08	10/16/2008
27-May-08	27-May-08	10/16/2008
29-May-08	29-May-08	10/16/2008
29-May-08	29-May-08	10/16/2008
30-May-08	30-May-08	10/16/2008
13-Jun-08	13-Jun-08	10/16/2008
16-Jun-08	16-Jun-08	10/16/2008
22-Jun-08	22-Jun-08	10/16/2008
23-Jun-08	23-Jun-08	10/16/2008
27-Jun-08	27-Jun-08	10/16/2008
27-Jun-08	27-Jun-08	10/16/2008
7-Jul-08	7-Jul-08	10/16/2008
23-Jul-08	23-Jul-08	10/16/2008
23-Jul-08	23-Jul-08	10/16/2008
23-Jul-08	23-Jul-08	12/14/2010
23-Jul-08	23-Jul-08	10/16/2008

Category 3	5	5
Category 1	100	20
Category 3	3	3
Category 3	2	2
Category 1	3000	0
Category 1	1000	0
Category 1	3000	0
Category 1	3000	0
Category 1	1500	0
Category 1	1000	0
Category 1	5	0
Category 3	5	5
Category 1	5	0
Category 1	10	5
Category 3	5	5
Category 1	800	0
Category 1	800	0
Category 1	800	0
Category 1	10500	0
Category 1	2000	0
Category 1	2000	0
Category 1	5	0
Category 3	5	0
Category 1	40	0
Category 1	5	2
Category 3	5	5
Category 3	2	2
Category 3	1	1
Category 3	2	1
Category 3	10	10
Category 3	25	25
Category 3	5	0
Category 3	10	10
Category 3	25	25
Category 3	10	0
Category 1	50	10
Category 1	100	25
Category 3	1	0
Category 3	1	0
Category 3	1	0
Category 3	1	0
Category 3	1	1
Category 3	1	1
Category 3	25	10
Category 3	50	50
Category 3	1	1
Category 2	2500	2500
Category 3	5	0
Category 3	5	5
Category 3	1	1
Category 3	8	8
Category 3	1	1
Category 3	5	5
Category 3	1	1
Category 3	1	1

0 No	No
80 Yes	Yes
0 No	No
0 No	No
3000 Yes	Yes
1000 Yes	Yes
3000 Yes	Yes
3000 Yes	Yes
1500 Yes	Yes
1000 Yes	No
5 Yes	Yes
0 No	No
5 Yes	Yes
5 Yes	Yes
0 No	No
800 Yes	Yes
800 Yes	Yes
800 Yes	Yes
10500 Yes	Yes
2000 Yes	Yes
2000 Yes	Yes
5 Yes	Yes
0 Yes	Yes
40 Yes	Yes
3 Yes	Yes
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 Yes	Yes
0 No	No
0 Yes	Yes
0 Yes	No
0 No	No
40 Yes	Yes
75 Yes	Yes
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	Yes
0 No	No
0 Yes	Yes
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No

Not Applicable - Spill did not reach storm drainpipe
No
Not Applicable - Spill did not reach storm drainpipe
Not Applicable - Spill did not reach storm drainpipe
No
No
No
No
No
Not Applicable - Spill did not reach storm drainpipe
No
Not Applicable - Spill did not reach storm drainpipe
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Not Applicable - Spill did not reach storm drainpipe
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Not Applicable - Spill did not reach storm drainpipe
Not Applicable - Spill did not reach storm drainpipe
Not Applicable - Spill did not reach storm drainpipe
Not Applicable - Spill did not reach storm drainpipe
Not Applicable - Spill did not reach storm drainpipe
No
Not Applicable - Spill did not reach storm drainpipe
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Not Applicable - Spill did not reach storm drainpipe
Not Applicable - Spill did not reach storm drainpipe
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Not Applicable - Spill did not reach storm drainpipe
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Not Applicable - Spill did not reach storm drainpipe
Yes
Not Applicable - Spill did not reach storm drainpipe
Yes
Not Applicable - Spill did not reach storm drainpipe
Not Applicable - Spill did not reach storm drainpipe
Not Applicable - Spill did not reach storm drainpipe
Not Applicable - Spill did not reach storm drainpipe
Not Applicable - Spill did not reach storm drainpipe
Not Applicable - Spill did not reach storm drainpipe
Not Applicable - Spill did not reach storm drainpipe
Not Applicable - Spill did not reach a separate storm drainpipe
Not Applicable - Spill did not reach storm drainpipe

381 Laurel.
406 Hazel
490 Broadway
213 South Ashton.
1136 Landing Lane
355 Adrian Road.
959 El Camino Real.
10 Rollins Road.
185 Aviator
959 El Camino Real.
545 Anita
240 Hazel
213 South Ashton
1104 Millbrae Ave.
805 Hawthorne Ave.
96 Lerida
105 Lerida
231 Aviator (M.H in back yard)
185 Aviator
10 Rollins Road
1136 Landing Lane
25 Camino Alto
455 Broadway
505 Broadway
285 Broadway
198 Taylor
435 Elder
820 Murchison
990 Magnolia
490 Broadway
894 Viste Grande
324 South Ashton
508 Helen Drive
950 Sequoia ave.
196 Poplar Ave.
1307 Viste Grande
212 South Ashton
420 Palm
420 Palm
830 Murchison
25 Mio Corte
340 Castenada Drive
445 Greenhills Drive
1000 El Camino Real
211 Marcella
4 View Terrace
720 Taylor Blvd
2 View Terrace
1297 Vista Grande
340 Castenada
201 Hazel
301 So. Ashton Ave.
1291 Vista Grande
349 Castenada Dr.
520 Park Blvd

37.597778	122.398611 San Mateo
37.599167	122.398333 San Mateo
37.602222	122.393611 San Mateo
37.591111	122.395 San Mateo
37.61	122.398056 San Mateo
37.600278	122.381389 San Mateo
37.605556	122.396667 San Mateo
37.599722	122.383333 San Mateo
37.602222	122.385556 San Mateo
37.605556	122.396667 San Mateo
37.599722	122.406944 San Mateo
37.596667	122.395833 San Mateo
37.591111	122.395 San Mateo
37.5925	122.398056 San Mateo
37.5925	122.391389 San Mateo
37.603611	122.3875 San Mateo
37.604444	122.386944 San Mateo
37.602222	122.386944 San Mateo
37.602222	122.385556 San Mateo
37.599722	122.383333 San Mateo
37.61	122.398056 San Mateo
37.596944	122.402222 San Mateo
37.601944	122.393333 San Mateo
37.6025	122.394722 San Mateo
37.600278	122.391389 San Mateo
37.602222	122.394444 San Mateo
37.600833	122.3975 San Mateo
37.591389	122.391667 San Mateo
37.604444	122.398056 San Mateo
37.602222	122.393611 San Mateo
37.593056	122.408889 San Mateo
37.588889	122.391389 San Mateo
37.600556	122.407222 San Mateo
37.588333	122.3925 San Mateo
37.592778	122.395 San Mateo
37.589722	122.406111 San Mateo
37.591111	122.394722 San Mateo
37.6	122.398056 San Mateo
37.6	122.398056 San Mateo
37.591389	122.392222 San Mateo
37.593333	122.401389 San Mateo
37.588333	122.3925 San Mateo
37.603611	122.405 San Mateo
37.608056	122.395556 San Mateo
37.591111	122.393056 San Mateo
37.591944	122.399444 San Mateo
37.5975	122.398611 San Mateo
37.591944	122.399444 San Mateo
37.591111	122.406389 San Mateo
37.588333	122.3925 San Mateo
37.596389	122.395833 San Mateo
37.589444	122.3925 San Mateo
37.593889	122.406389 San Mateo
37.588333	-122.392556 San Mateo
37.608889	122.409444 San Mateo

[illegible]

cleanout in sidewalk.
Clean out in sidewalk.

C.O on driveway
C.O in driveway
C.O in sidewalk
6 Cleanout

M.H in back yard.

C.O in sidewalk
C.O in Driveway.
C.O in Sidewalk.

C.O in sidewalk
C.O in sidewalk
C.O in sidewalk
C/O in sidewalk

Spill occurred at clean out in sidewalk.
Clean out in sidewalk
Manhole in street.
Side of home into alley
Spill occurred from M.H. in back yard
Spill occurred through a 4 cleanout.

Spill happened on a paved surface and drained to a private v-ditch. First city responder dammed the v-ditch. From the
Spill occurred at M.H in street.

M.H in street.
M.H in back yard.

Sidewalk in front of residence at cleanout
C/O @ Sidewalk.
C/O @ Sidewalk
C/O @ Sidewalk.
C/O @ Sidewalk.

re it had drained to an unpaved drainage

Gravity sewer
Gravity sewer
Gravity sewer
Gravity sewer
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Gravity sewer
Gravity sewer
Gravity sewer
Gravity sewer
Gravity sewer
Manhole
Manhole
Manhole
Manhole
Other sewer system structure
Manhole
Pump station
Gravity sewer
Gravity sewer
Gravity sewer
Gravity sewer
Gravity sewer
Gravity sewer
Gravity sewer
Gravity sewer
Gravity sewer
Manhole
Gravity sewer
Gravity sewer
Manhole
Gravity sewer
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Manhole
Gravity sewer
Manhole
Manhole
Gravity sewer
Gravity sewer
Gravity sewer
Gravity sewer
Gravity sewer
Gravity sewer
Gravity sewer

Cleanout in sidewalk.

Spill occurred from M.H. in back yard

C / O in sidewalk

Backup leaked through a crack in the asphalt.

Other paved surface
Storm drain
Other paved surface
Other paved surface
Storm drain
Storm drain
Storm drain
Storm drain
Storm drain
Storm drain
Storm drain
Other paved surface
Storm drain
Storm drain
Other (specify below)
Storm drain
Storm drain
Storm drain;Unpaved surface
Storm drain
Storm drain
Storm drain
Storm drain
Storm drain
Storm drain
Storm drain
Other paved surface
Other paved surface
Other paved surface
Unpaved surface
Other paved surface;Street/curb and gutter
Storm drain
Other paved surface
Storm drain
Storm drain;Street/curb and gutter
Other paved surface;Unpaved surface
Storm drain
Storm drain
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Other paved surface
Unpaved surface
Unpaved surface
Storm drain;Street/curb and gutter
Street/curb and gutter
Storm drain
Unpaved surface
Street/curb and gutter
Street/curb and gutter
Other paved surface;Street/curb and gutter;Unpaved surface
Other paved surface
Other paved surface;Street/curb and gutter
Street/curb and gutter
Other paved surface

Sidewalk.

Lawn

Lawn

Cleaned curb and gutter.

12/16/2007 16:04	12/16/2007 16:04	12/16/2007 16:30	12/16/2007 16:30
12/14/2007 11:15	12/14/2007 11:15	12/14/2007 11:25	12/14/2007 11:25
12/20/2007 16:30	12/20/2007 16:30	12/20/2007 16:52	12/20/2007 16:52
1/1/2008 17:00	1/1/2008 17:00	1/1/2008 17:30	1/1/2008 18:15
1/4/2008 9:30	1/4/2008 9:30	1/4/2008 9:30	1/4/2008 14:30
1/4/2008 9:30	1/4/2008 9:30	1/4/2008 9:30	1/4/2008 9:30
1/4/2008 9:30	1/4/2008 9:30	1/4/2008 9:30	1/4/2008 14:30
1/4/2008 9:30	1/4/2008 9:30	1/4/2008 9:30	1/4/2008 9:30
1/4/2008 9:30	1/4/2008 9:30	1/4/2008 9:30	1/4/2008 14:30
1/5/2008 11:00	1/5/2008 11:00	1/5/2008 11:00	1/5/2008 14:30
1/7/2008 19:30	1/7/2008 19:30	1/7/2007 19:50	1/7/2008 19:55
1/7/2008 20:30	1/7/2008 20:30	1/7/2008 20:30	1/7/2008 20:35
1/5/2008 14:00	1/5/2008 14:30	1/5/2008 14:30	1/5/2008 14:35
1/19/2008 12:05	1/19/2008 12:05	1/19/2008 12:15	1/19/2008 13:05
1/11/2008 11:00	1/11/2008 11:00	1/11/2008 11:10	1/11/2008 11:15
1/18/2008 15:00	1/18/2008 15:00	1/18/2008 15:00	1/18/2008 18:00
1/18/2008 15:00	1/18/2008 15:00	1/18/2008 15:00	1/18/2008 18:00
1/18/2008 15:00	1/18/2008 15:00	1/18/2008 15:00	1/18/2008 15:00
1/18/2008 15:00	1/18/2008 15:00	1/18/2008 15:00	1/18/2008 21:00
1/18/2008 15:00	1/18/2008 15:00	1/18/2008 15:00	1/18/2008 18:00
1/18/2008 15:00	1/18/2008 15:00	1/18/2008 15:00	1/18/2008 18:00
1/31/2008 9:30	1/31/2008 9:30	1/31/2008 10:00	1/31/2008 10:00
2/7/2008 11:00	2/7/2008 11:00	2/7/2008 11:00	2/7/2008 12:00
2/13/2008 12:05	2/13/2008 12:05	2/13/2008 12:15	2/13/2008 12:15
2/15/2008 10:00	2/13/2008 10:00	2/13/2008 10:10	2/13/2008 10:10
2/15/2008 14:53	2/15/2008 14:53	2/15/2008 15:05	2/15/2008 16:30
2/18/2008 13:00	2/18/2008 13:00	2/18/2008 13:23	2/18/2008 13:23
2/19/2008 8:30	2/19/2008 8:30	2/19/2008 8:50	2/19/2008 8:50
2/9/2008 10:05	2/9/2008 10:05	2/9/2008 10:15	2/9/2008 10:15
2/26/2008 16:40	2/26/2008 16:40	2/26/2008 16:40	2/26/2008 17:40
2/27/2008 15:15	2/27/2007 15:15	2/27/2008 15:30	2/27/2008 15:30
3/4/2008 11:35	3/4/2008 11:35	3/4/2008 11:50	3/4/2008 11:35
3/6/2008 11:15	3/6/2008 11:15	3/6/2008 11:15	3/6/2008 11:15
3/7/2008 7:30	3/7/2008 7:30	3/7/2008 7:30	3/7/2008 8:15
3/18/2008 11:25	3/18/2008 11:25	3/18/2008 11:35	3/18/2008 11:50
4/26/2008 19:10	4/26/2008 19:10	4/26/2008 19:30	4/26/2008 19:30
4/27/2008 15:30	4/27/2008 15:30	4/27/2008 16:00	4/27/2008 16:10
5/20/2008 9:35	5/20/2008 9:35	5/20/2008 9:40	5/20/2008 9:40
5/11/2008 11:30	5/11/2008 11:30	5/11/2008 11:45	5/11/2008 11:30
5/15/2008 18:25	5/15/2008 18:25	5/15/2008 18:40	5/15/2008 19:10
5/20/2008 9:35	5/20/2008 9:35	5/20/2008 9:40	5/20/2008 9:30
5/28/2008 11:00	5/28/2008 11:00	5/28/2008 11:20	5/28/2008 11:00
5/28/2008 10:30	5/28/2008 10:30	5/28/2008 10:45	5/28/2008 10:30
5/29/2008 15:30	5/29/2008 15:30	5/29/2008 15:40	5/29/2008 16:00
6/12/2008 10:15	6/12/2008 10:15	6/12/2008 10:20	6/12/2008 10:20
6/15/2008 18:00	6/15/2008 18:00	6/15/2008 18:20	6/15/2008 18:20
6/22/2008 8:14	6/22/2008 8:14	6/22/2008 8:45	6/22/2008 8:49
6/20/2008 15:05	6/20/2008 15:15	6/20/2008 0:00	6/20/2008 0:00
6/26/2008 14:54	6/26/2008 15:10	6/26/2008 16:00	6/26/2008 14:54
6/23/2008 12:30	6/23/2008 12:30	6/23/2008 12:55	6/23/2008 12:55
7/6/2008 19:15	7/6/2008 19:15	7/6/2008 19:35	7/6/2008 19:45
7/7/2008 7:20	7/7/2008 7:21	7/7/2008 7:20	7/7/2008 8:30
7/17/2008 8:00	7/17/2008 8:00	7/17/2008 8:00	7/17/2008 9:15
7/19/2008 4:27	7/19/2008 4:27	7/19/2008 4:27	7/19/2008 0:00
7/21/2008 9:00	7/21/2008 9:00	7/21/2008 9:00	7/19/2008 10:00

Debris
Debris
Debris
Root intrusion
Flow exceeded capacity
Flow exceeded capacity
Flow exceeded capacity
Flow exceeded capacity
Flow exceeded capacity
Flow exceeded capacity
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Debris
Rainfall exceeded design
Rainfall exceeded design
Rainfall exceeded design
Rainfall exceeded design
Rainfall exceeded design
Rainfall exceeded design
Root intrusion
Grease deposition (FOG)
Debris
Root intrusion
Root intrusion
Debris
Debris
Root intrusion
Root intrusion
Debris
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Pipe structural problem/failure
Debris
Grease deposition (FOG)
Grease deposition (FOG)
Root intrusion
Root intrusion
Grease deposition (FOG)
Root intrusion
Pipe structural problem/failure
Root intrusion
Root intrusion
Vandalism
Root intrusion
Root intrusion

Surcharged from rainwater.
Surcharged from rainwater.
Surcharged due to rainwater.
Surcharged from rainwater
Surcharged from rainwater.
Surcharged from rainwater +

City crews were working on City main when large mass of roots were encountered. Crews quickly worked blockage free &

Main
Main
Main
Main

Lower Lateral
Lower Lateral
Lower Lateral
Lower Lateral
Lower Lateral

6 VCP

6

6 V.C.P.

6 V.C.P.

60
30

Crews immediately dammed gutter on arrival. Unplugged sewer main and flushed and vacuumed storm drains.

City crews promptly responded from 3 blocks away. First responder built a dirt berm at curb and gutter to contain overflow.

set up for repair.
Set up for repair

12/14/2007 12:30

1/4/2008 14:30

1/4/2008 9:30

1/4/2008 14:30

1/4/2008 14:30

1/4/2008 14:30

1/5/2008 18:00

1/7/2008 20:30

1/5/2008 15:00

1/19/2008 13:05

1/18/2008 18:00

1/18/2008 9:00

1/19/2008 10:00

1/18/2008 21:00

1/18/2008 18:00

1/18/2008 18:00

1/31/2008 11:00

2/7/2008 12:00

2/13/2008 13:05

2/13/2008 11:00

2/27/2008 17:35

3/6/2008 13:25

3/7/2008 8:15

4/27/2008 11:00

4/27/2008 17:00

6/22/2008 12:00

Plan rehabilitation or replacement of sewer

Other (specify below)

Other (specify below)

Other (specify below)

Other (specify below)

Other (specify below)

Other (specify below)

Plan rehabilitation or replacement of sewer

Plan rehabilitation or replacement of sewer

Added sewer to preventive maintenance program

Other (specify below)

Other (specify below)

Other (specify below)

Other (specify below)

Other (specify below)

Other (specify below)

Adjusted schedule/method of preventive maintenance

Added sewer to preventive maintenance program

Added sewer to preventive maintenance program

Added sewer to preventive maintenance program

Other (specify below)

Adjusted schedule/method of preventive maintenance

Adjusted schedule/method of preventive maintenance

Plan rehabilitation or replacement of sewer

Other (specify below)

Adjusted schedule/method of preventive maintenance

Plan for I & I study.
Plan for I & I study.
Plan for I & I study.
Plan for I & I study.
Plan for I & I study.
Planfor I & I study.

Add to check list for inclement weather SSO.
Add to sewer inclement weather checklist.
Added m.h to sewer inclement weather checklist.
Added to sewer inclement weather check list.
Added M.H to sewer inclement weather check list.
Added M H to sewer inclement weather check list.

Crew training. Operator left a cleanoing tool in the line.

Sewer main will be T.V.ed

No

No

No

No

No

No

No

No

No

No

No

Yes

No

Yes

Yes

No

No

No

No

No

Yes

No

Yes

Yes

Yes

Yes

No

Yes
Yes
Yes
Yes
Yes
Yes
No

No
No

Yes
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No water quality samples taken

No water quality samples taken
No water quality samples taken
No water quality samples taken
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No water quality samples taken

No water quality samples taken

None of the above

None of the above
None of the above
None of the above
None of the above
None of the above
None of the above
None of the above

None of the above
None of the above

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None of the above
None of the above
None of the above
None of the above

None of the above

None of the above
No water quality samples taken

None of the above
None of the above

None of the above

8218	1/4/2008 9:30
8220	1/7/2008 9:30
80221	1/7/2008 9:30
80222	1/7/2008 9:30
80223	1/7/2008 9:30
80225	1/7/2008 9:30

80832	1/21/2008 11:15
80837	1/19/2008 11:15
80837	1/21/2008 11:15

81664

81869	3/6/2008 13:00
81886	3/7/2008 9:35

83061	4/26/2008 21:30
83068	4/27/2008 18:00

84443	6/22/2008 10:12
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85381	7/23/2008 1:20
85382	7/23/2008 1:30
85383	7/23/2008 1:50
85384	7/21/2008 2:10

ED 006495 00001076-03081

[illegible]

Millbrae Public Works	749671
Millbrae Public Works	737028
Millbrae Public Works	408097
Millbrae Public Works	378047
Millbrae Public Works	371165
Millbrae Public Works	135110
Millbrae Public Works	698492
Millbrae Public Works	538264
Millbrae Public Works	848360
Millbrae Public Works	962946
Millbrae Public Works	141199
Millbrae Public Works	147101
Millbrae Public Works	764374
Millbrae Public Works	263585
Millbrae Public Works	746947
Millbrae Public Works	249401
Millbrae Public Works	435498
Millbrae Public Works	299618
Millbrae Public Works.	491504
Millbrae Public Works	219775
Millbrae Public Works.	455544
Millbrae Public Works	599482
Millbrae Public Works	329170
Millbrae Public Works	951054
Millbrae Public Works	593999
Millbrae Public Works	783544
Millbrae Public Works	759833
Millbrae Public Works	772032
Millbrae Public Works	392513
Millbrae Public Works	565801
Millbrae Public Works	104388
Millbrae Public Works	922977
Millbrae Public Works	196434
Millbrae Public Works	910951
Millbrae Public Works.	523036
Millbrae Public Works	836532
Millbrae Public Works.	298771
Millbrae Public Works	918192
Millbrae Public Works	949924
Millbrae Public Works	870368
Millbrae Public Works	659787
Millbrae Public Works	265490
Millbrae Public Works	689732
Millbrae Public Works	673343
Millbrae Public Works	939780
Millbrae Public Works	902370
Millbrae Public Works	924952
Millbrae Public Works	813970
Millbrae Public Works.	615609
Millbrae Public Works	265420
Millbrae Public Works	706936
Millbrae Public Works	751008
Millbrae Public Works	165651
Millbrae Public Works.	860127
Millbrae Public Works.	687929

14-Aug-08	14-Aug-08	10/16/2008
15-Aug-08	15-Aug-08	12/6/2010
22-Aug-08	16-Oct-08	10/16/2008
22-Aug-08	22-Aug-08	10/16/2008
22-Aug-08	16-Oct-08	10/16/2008
27-Aug-08	27-Aug-08	10/16/2008
27-Aug-08	27-Aug-08	10/16/2008
9-Sep-08	9-Sep-08	10/16/2008
12-Sep-08	12-Sep-08	10/16/2008
26-Sep-08	26-Sep-08	10/16/2008
29-Sep-08	29-Sep-08	10/16/2008
29-Sep-08	29-Sep-08	10/16/2008
29-Sep-08	29-Sep-08	10/16/2008
29-Sep-08	29-Sep-08	10/16/2008
1-Oct-08	1-Oct-08	10/16/2008
30-Oct-08	30-Oct-08	10/30/2008
17-Nov-08	17-Nov-08	11/17/2008
17-Nov-08	17-Nov-08	11/17/2008
17-Nov-08	17-Nov-08	11/17/2008
10-Dec-08	10-Dec-08	12/10/2008
10-Dec-08	10-Dec-08	12/10/2008
29-Dec-08	29-Dec-08	12/29/2008
29-Dec-08	29-Dec-08	12/29/2008
29-Dec-08	29-Dec-08	12/29/2008
29-Dec-08	29-Dec-08	12/29/2008
30-Dec-08	30-Dec-08	12/30/2008
30-Dec-08	30-Dec-08	12/30/2008
6-Feb-09	6-Feb-09	2/6/2009
6-Feb-09	6-Feb-09	2/6/2009
6-Feb-09	6-Feb-09	2/6/2009
6-Feb-09	6-Feb-09	2/6/2009
6-Feb-09	6-Feb-09	2/6/2009
6-Feb-09	6-Feb-09	2/6/2009
6-Feb-09	6-Feb-09	2/6/2009
23-Feb-09	23-Feb-09	2/23/2009
2-Mar-09	2-Mar-09	3/2/2009
2-Mar-09	2-Mar-09	3/2/2009
2-Mar-09	2-Mar-09	3/2/2009
2-Mar-09	2-Dec-10	12/2/2010
2-Mar-09	2-Mar-09	3/5/2009
4-Mar-09	4-Mar-09	3/4/2009
4-Mar-09	4-Mar-09	3/4/2009
4-Mar-09	4-Mar-09	3/4/2009
4-Mar-09	4-Mar-09	3/4/2009
5-Mar-09	5-Mar-09	3/5/2009
5-Mar-09	5-Mar-09	3/5/2009
5-Mar-09	5-Mar-09	3/5/2009
5-Mar-09	5-Mar-09	3/5/2009
6-Apr-09	6-Apr-09	4/6/2009
6-Apr-09	6-Apr-09	4/6/2009
27-Apr-09	27-Apr-09	4/27/2009
27-Apr-09	27-Apr-09	4/27/2009
27-Apr-09	27-Apr-09	4/27/2009
3-Jun-09	3-Jun-09	6/3/2009
3-Jun-09	3-Jun-09	6/3/2009

Category 3	1	1
Category 3	2	2
Category 3	1	0
Category 3	1	1
Category 3	1	1
Category 3	1	1
Category 3	2	2
Category 3	20	20
Category 3	30	30
Category 3	10	10
Category 3	10	10
Category 3	1	1
Category 3	1	1
Category 3	5	5
Category 3	1	0
Category 3	5	5
Category 3	2	2
Category 3	3	3
Category 3	2	2
Category 3	5	0
Category 3	25	0
Category 3	1	1
Category 3	5	0
Category 3	1	1
Category 3	15	15
Category 3	10	10
Category 3	1	0
Category 3	2	2
Category 3	5	5
Category 3	1	1
Category 3	5	5
Category 3	1	1
Category 3	1	1
Category 3	1	1
Category 1	3500	0
Category 1	1000	0
Category 1	1000	0
Category 1	1000	0
Category 1	3000	0
Category 1	3000	0
Category 3	1	1
Category 3	4	4
Category 3	1	1
Category 3	50	50
Category 3	1	1
Category 3	1	1
Category 3	1	1
Category 3	1	1
Category 3	1	1
Category 3	1	1
Category 3	15	5
Category 3	1	1
Category 3	1	1
Category 3	20	20
Category 3	5	5

[illegible]

[illegible]

No
No
No
No
No
No

[illegible]

400 Millbrae Ave.
401 E.C.R.
445 Greenhills
430 Hillcrest.
311 Hazel
800 Taylor
341 Ashton
949 Vista Grande
1038 Crest view Drive
151 El Camino Real
208 South Ashton
1 Hazel
289 El Camino Real
17 Corte Dorado
205 South Ashton
356 Cedar
885 Tioga
810 Ahwahnee
1220 Frontera
1252 Millbrae Ave.
300 Hillcrest
720 Hillcrest
10 Corte Princessa
1165 San Anselmo
110 El Camino Real
871 Taylor
330 Poplar
421 Green Hills
1275 Viste Grande
810 El Capitan
230 Palm
819 Pinon
815 Lomita
824 Murchison
185 Aviator
231 Aviator
219 Aviator
203 Aviator
185 Aviator.
185 Aviator
27 Aura Vista
850 El Camino Real
304 South Ashton
191 El Bonito
802 Clearfield
931 Sequoia
521 Hazel
340 Laurel
409 Poplar
15 Claremont Court
427 Green Hills
195 Aviator
920 Murchison
151 El Camino Real
332 Helen Dr.

37.596389	122.391111 San Mateo
37.602222	-122.391944 San Mateo
37.603611	122.405 San Mateo
37.598333	122.395833 San Mateo
37.599167	122.396944 San Mateo
37.597778	122.399722 San Mateo
37.596389	122.398333 San Mateo
37.594444	122.407778 San Mateo
37.598889	122.419722 San Mateo
37.599167	122.388333 San Mateo
37.591389	122.394722 San Mateo
37.594444	122.394444 San Mateo
37.599167	122.388333 San Mateo
37.595278	122.401667 San Mateo
37.591667	122.395278 San Mateo
37.61	122.393889 San Mateo
37.598333	122.408611 San Mateo
37.596667	122.410556 San Mateo
37.586389	122.394167 San Mateo
37.588611	122.406111 San Mateo
37.599444	122.394722 San Mateo
37.596111	122.397222 San Mateo
37.594444	122.403889 San Mateo
37.610556	122.399722 San Mateo
37.598056	122.385556 San Mateo
37.597222	122.401111 San Mateo
37.600278	122.395278 San Mateo
37.603333	122.4 San Mateo
37.591111	122.406111 San Mateo
37.596944	122.411111 San Mateo
37.596667	122.395278 San Mateo
37.590556	122.389167 San Mateo
37.608889	122.418889 San Mateo
37.591389	122.391944 San Mateo
37.601944	122.386944 San Mateo
37.602222	122.386944 San Mateo
37.602222	122.386667 San Mateo
37.6025	122.385833 San Mateo
37.602222	-122.385278 San Mateo
37.602222	122.385278 San Mateo
37.592778	122.404167 San Mateo
37.604722	122.395 San Mateo
37.589444	122.392222 San Mateo
37.595556	122.403611 San Mateo
37.595833	122.408889 San Mateo
37.593056	122.394722 San Mateo
37.598889	122.4 San Mateo
37.5975	122.397778 San Mateo
37.600833	-122.396389 San Mateo
37.602222	-122.415833 San Mateo
37.603056	-122.404167 San Mateo
37.602778	-122.384722 San Mateo
37.591944	-122.395 San Mateo
37.599444	-122.388333 San Mateo
37.603333	-122.4025 San Mateo

[illegible]

Cleanout in sidewalk.

C.O in parking lot

C.O. in sidewalk.

C.o at sidewalk

C.o in sidewalk

Lateral in easement at the back of the property

SSO occurred in easement at back of property.

M.H. at intersection

C.O in back yard.

C.O in sidewalk

C.O in sidewalk.

C.O in sidewalk.

C.O in back yard.

M.H at crown of intersection.

C.O on garage

C.O in sidewalk

C.O in sidewalk

C.O in sidewalk.

C.O in sidewalk

C.O.

C.O in sidewalk

C.O in sidewalk.

C.O in sidewalk

C.O in sidewalk.

C.O in sidewalk.

Manhole.

C.O in back yard.

C.O in back yard overflowed from surcharge.

C.O in back yard.

C.O in back yard.

C.O in back yard.

C.O

C.O in sidewalk.

M.H.

C.O in sidewalk.

C.O in sidewalk.

C.O in sidewalk

C.O in sidewalk.

C.O in sidewalk

C.O in sidewalk.

M.H in back yard.

Gravity sewer
Gravity sewer
Gravity sewer
Gravity sewer
Gravity sewer
Gravity sewer
Gravity sewer
Gravity sewer
Gravity sewer
Manhole
Manhole
Gravity sewer
Gravity sewer
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Gravity sewer
Gravity sewer
Gravity sewer
Gravity sewer
Gravity sewer
Manhole
Building or structure
Gravity sewer
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Gravity sewer
Manhole
Gravity sewer
Gravity sewer
Manhole
Gravity sewer

C.O in front yard.

C.O. in garage floor.

C.O. in sidewalk.

C.O in sidewalk.

C.O in back yard

C.O on property.

M.H in back yard

Street/curb and gutter
Other paved surface
Unpaved surface
Other paved surface
Building or structure
Street/curb and gutter
Street/curb and gutter
Unpaved surface
Other paved surface
Street/curb and gutter
Street/curb and gutter
Street/curb and gutter
Street/curb and gutter
Unpaved surface
Street/curb and gutter
Street/curb and gutter
Street/curb and gutter
Street/curb and gutter
Street/curb and gutter
Unpaved surface
Street/curb and gutter
Building or structure
Unpaved surface
Street/curb and gutter
Storm drain
Street/curb and gutter;Unpaved surface
Street/curb and gutter
Unpaved surface
Street/curb and gutter
Street/curb and gutter
Other paved surface
Other paved surface
Other paved surface
Other paved surface
Storm drain
Storm drain
Storm drain
Storm drain
Separate storm drain
Storm drain
Street/curb and gutter
Street/curb and gutter
Street/curb and gutter
Storm drain
Street/curb and gutter
Street/curb and gutter
Street/curb and gutter
Street/curb and gutter
Other paved surface
Other paved surface
Unpaved surface
Unpaved surface
Other paved surface
Street/curb and gutter
Street/curb and gutter

Spill contained to parking lot.

Overflowed at a c.o in garage.

Backyard

Side walk

8/11/2008 11:45	8/11/2008 12:30	8/11/2008 12:30	8/11/2008 11:45
8/14/2008 8:15	8/14/2008 8:15	8/14/2008 10:15	8/14/2008 8:30
8/22/2008 9:50	8/22/2008 9:50	8/22/2008 10:10	8/22/2008 9:50
8/21/2008 20:10	8/21/2008 20:10	8/21/2008 20:35	8/21/2008 20:10
8/19/2008 17:12	8/19/2008 17:12	8/19/2008 17:40	8/19/2008 17:12
8/25/2008 9:30	8/25/2008 9:30	8/25/2008 9:50	8/25/2008 9:50
8/26/2008 19:38	8/26/2008 19:38	8/26/2008 20:05	8/26/2008 19:38
9/2/2008 9:00	9/2/2008 9:00	9/2/2008 9:22	9/2/2008 10:22
9/8/2008 13:30	9/8/2008 13:30	9/8/2008 13:30	9/8/2008 5:00
9/9/2008 19:00	9/9/2008 19:00	9/9/2008 19:25	9/9/2008 19:30
9/22/2008 21:55	9/22/2008 21:55	9/22/2008 22:05	9/22/2008 21:55
9/12/2008 7:45	9/12/2008 7:45	9/12/2008 7:55	9/12/2008 7:45
9/22/2008 10:00	9/22/2008 10:00	9/22/2008 10:15	9/22/2008 10:00
9/15/2008 9:30	9/15/2008 9:30	9/15/2008 10:00	9/15/2008 9:30
9/26/2008 12:15	9/26/2008 12:15	9/26/2008 12:20	9/26/2008 12:15
10/28/2008 18:50	10/28/2008 18:50	10/28/2008 19:06	10/28/2008 19:06
11/4/2008 15:00	11/4/2008 15:00	11/4/2008 15:15	11/4/2008 15:00
11/16/2008 8:10	11/16/2008 8:10	11/16/2008 8:20	11/16/2008 8:10
11/10/2008 14:30	11/10/2008 14:30	11/10/2008 14:45	11/10/2008 14:30
12/1/2008 11:00	12/1/2008 11:00	12/1/2008 11:20	12/1/2008 11:00
11/29/2008 19:30	11/29/2008 19:30	11/29/2008 19:45	11/29/2008 21:35
12/14/2008 14:45	12/14/2008 14:45	12/14/2008 15:15	12/14/2008 15:45
12/16/2008 8:00	12/16/2008 8:00	12/16/2008 8:15	12/16/2008 8:00
12/20/2008 12:12	12/20/2008 12:12	12/20/2008 12:40	12/20/2008 13:45
12/23/2008 7:00	12/23/2008 7:00	12/23/2008 7:10	12/23/2008 7:10
12/23/2008 18:45	12/23/2008 18:45	12/23/2008 19:15	12/23/2008 18:45
12/27/2008 12:15	12/27/2008 12:15	12/27/2008 12:25	12/27/2008 12:15
1/3/2009 16:30	1/3/2009 16:30	1/3/2009 16:55	1/3/2009 16:30
1/6/2009 15:05	1/6/2009 15:05	1/6/2009 16:00	1/6/2009 16:00
1/6/2009 15:00	1/6/2009 15:00	1/6/2009 15:20	1/6/2009 15:20
1/18/2009 16:00	1/18/2009 16:00	1/18/2009 16:25	1/18/2009 18:00
1/18/2009 16:00	1/18/2009 16:00	1/18/2009 16:15	1/18/2009 18:00
1/24/2009 14:35	1/18/2009 14:35	1/18/2009 15:00	1/18/2009 16:00
1/26/2009 10:00	1/26/2009 10:00	1/26/2009 10:10	1/26/2009 10:10
2/22/2009 14:52	2/22/2009 14:52	2/22/2009 14:52	2/22/2009 15:52
3/2/2009 13:30	3/2/2009 13:30	3/2/2009 14:00	3/2/2009 14:00
3/2/2009 13:30	3/2/2009 13:30	3/2/2009 13:30	3/2/2009 14:00
3/2/2009 13:30	3/2/2009 13:30	3/2/2009 13:30	3/2/2009 14:00
3/2/2009 13:30	3/2/2009 13:30	3/2/2009 13:30	3/2/2009 14:00
3/2/2009 13:30	3/2/2009 13:30	3/2/2009 13:30	3/2/2009 14:00
2/2/2009 11:25	2/2/2009 11:25	2/2/2009 11:50	2/2/2009 11:25
2/4/2009 13:30	2/4/2009 13:30	2/4/2009 13:40	2/4/2009 13:30
2/5/2009 14:40	2/5/2009 14:40	2/5/2009 15:00	2/5/2009 14:40
2/5/2009 8:30	2/5/2009 8:30	2/5/2009 8:50	2/5/2009 9:00
2/11/2009 10:00	2/11/2009 10:15	2/11/2009 11:00	2/11/2009 10:15
2/14/2009 8:30	2/14/2009 8:30	2/14/2009 8:45	2/14/2009 8:30
2/15/2009 14:00	2/15/2009 14:00	2/15/2009 14:15	2/15/2009 14:00
2/14/2009 12:15	2/14/2009 12:15	2/14/2009 12:30	2/14/2009 12:15
3/20/2009 8:10	3/20/2009 8:10	3/20/2009 8:30	3/20/2009 8:30
3/7/2009 20:17	3/7/2009 20:17	3/7/2009 20:35	3/7/2009 0:35
4/19/2009 18:45	4/19/2009 18:45	4/19/2009 19:10	4/19/2009 19:10
4/20/2009 9:45	4/20/2009 9:45	4/20/2009 10:05	4/20/2009 10:05
4/21/2009 7:50	4/21/2009 7:50	4/21/2009 8:00	4/21/2009 8:00
5/26/2009 18:45	5/26/2009 18:45	5/26/2009 19:00	5/26/2009 19:00
5/12/2009 19:45	5/12/2009 19:45	5/12/2009 20:05	5/12/2009 20:05

Root intrusion
Grease deposition (FOG)
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Debris
Root intrusion
Root intrusion
Debris
Debris
Root intrusion
Debris
Root intrusion
Debris
Debris
Pipe structural problem/failure
Root intrusion
Debris
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Debris
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Debris-Rags
Other (specify below)
Rainfall exceeded design
Rainfall exceeded design
Rainfall exceeded design
Rainfall exceeded design (Seperate CS Only)
Rainfall exceeded design
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Debris-General
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Grease deposition (FOG)
Grease deposition (FOG)
Root intrusion
Pipe structural problem/failure
Pipe structural problem/failure

6 sewer line has concrete in it.

WPCP lost electrical power for about 1/2 hour.

Lower Lateral

Lower Lateral
Lower Lateral

Lower Lateral
Main
Main
Lower Lateral
Lower Lateral
Lower Lateral

Lower Lateral
Lower Lateral

Lower Lateral
Lower Lateral
Lower Lateral
Lower Lateral

Lower Lateral
Lower Lateral
Lower Lateral
Lower Lateral

Lower Lateral
Lower Lateral
Other (specify below)

Main

Lower Lateral
Lower Lateral
Lower Lateral
Main
Lower Lateral

Lower Lateral
Lower Lateral
Lower Lateral
Main
Lower Lateral
Lower Lateral
Main
Lower Lateral

WPCP

Collections division completes weekly maintenance on this line. This line has been obstructed by construction debris in the

6 VCP

re past and is beset by offset

Crews dug up and replaced whole lateral with cleanout and backflow prevention device one week later.

2/22/2009 18:00
3/2/2009 16:00
3/2/2009 16:00
3/2/2009 16:00
3/2/2009 16:00
3/2/2009 16:00

Other (specify below)

Plan rehabilitation or replacement of sewer

Plan rehabilitation or replacement of sewer

Plan rehabilitation or replacement of sewer

Plan rehabilitation or replacement of sewer

Plan rehabilitation or replacement of sewer

Treatment plant is repairing their problem.

Yes
No
No
No
No
No

Yes
No
No
No
No
No

N/A
N/A
N/A
N/A
N/A
N/A

Drainage ditch.

N/A

N/A

N/A

Storm Water Drainage Canal

N/A

No water quality samples taken
No water quality samples taken
No water quality samples taken
No water quality samples taken
No water quality samples taken
No water quality samples taken

None of the above
None of the above
No water quality samples taken
No water quality samples taken
No water quality samples taken
No water quality samples taken

86568	
86680	9/12/2008 13:15

91539	2/22/2009 16:18
91795	3/2/2009 16:42
91796	3/2/2009 16:48
91798	3/2/2009 16:42
91799	3/2/2009 16:48
91799	3/2/2009 16:48

2SSO10155	Active	739320 Michael Killigrew	Certified
2SSO10155	Active	740496 Michael Killigrew	Certified
2SSO10155	Active	741392 Michael Killigrew	Certified
2SSO10155	Active	741393 Michael Killigrew	Certified
2SSO10155	Active	742596 Michael Killigrew	Certified
2SSO10155	Active	744414 Michael Killigrew	Certified
2SSO10155	Active	745343 Michael Killigrew	Certified
2SSO10155	Active	745344 Michael Killigrew	Certified
2SSO10155	Active	745467 Michael Killigrew	Certified
2SSO10155	Active	745469 Michael Killigrew	Certified
2SSO10155	Active	745611 Michael Killigrew	Certified
2SSO10155	Active	745635 Michael Killigrew	Certified
2SSO10155	Active	745638 Michael Killigrew	Certified
2SSO10155	Active	745639 Michael Killigrew	Certified
2SSO10155	Active	745642 Michael Killigrew	Certified
2SSO10155	Active	745928 Michael Killigrew	Certified
2SSO10155	Active	746052 Michael Killigrew	Certified
2SSO10155	Active	746083 Michael Killigrew	Certified
2SSO10155	Active	746445 Michael Killigrew	Certified
2SSO10155	Active	746648 Michael Killigrew	Certified
2SSO10155	Active	746726 Michael Killigrew	Certified
2SSO10155	Active	747194 Michael Killigrew	Certified
2SSO10155	Active	747524 Michael Killigrew	Certified
2SSO10155	Active	748181 Michael Killigrew	Certified
2SSO10155	Active	748472 Michael Killigrew	Certified
2SSO10155	Active	748881 Michael Killigrew	Certified
2SSO10155	Active	748890 Michael Killigrew	Certified
2SSO10155	Active	748891 Michael Killigrew	Certified
2SSO10155	Active	749018 Michael Killigrew	Certified
2SSO10155	Active	749020 Michael Killigrew	Certified
2SSO10155	Active	749021 Michael Killigrew	Certified
2SSO10155	Active	749938 Michael Killigrew	Certified
2SSO10155	Active	749939 Michael Killigrew	Certified
2SSO10155	Active	750619 Michael Killigrew	Certified
2SSO10155	Active	750624 Michael Killigrew	Certified
2SSO10155	Active	750673 Michael Killigrew	Certified
2SSO10155	Active	750774 Michael Killigrew	Certified
2SSO10155	Active	750777 Michael Killigrew	Certified
2SSO10155	Active	750879 Michael Killigrew	Certified
2SSO10155	Active	751054 Michael Killigrew	Certified
2SSO10155	Active	751452 Michael Killigrew	Certified
2SSO10155	Active	752232 Michael Killigrew	Certified
2SSO10155	Active	752470 Michael Killigrew	Certified
2SSO10155	Active	752631 Michael Killigrew	Certified
2SSO10155	Active	752819 Michael Killigrew	Certified
2SSO10155	Active	753640 Michael Killigrew	Certified
2SSO10155	Active	754013 Michael Killigrew	Certified
2SSO10155	Active	755061 Michael Killigrew	Certified
2SSO10155	Active	755063 Michael Killigrew	Certified
2SSO10155	Active	755982 Michael Killigrew	Certified
2SSO10155	Active	756727 Michael Killigrew	Certified
2SSO10155	Active	758461 Michael Killigrew	Certified
2SSO10155	Active	758462 Michael Killigrew	Certified
2SSO10155	Active	758973 Michael Killigrew	Certified
2SSO10155	Active	759425 Michael Killigrew	Certified

[illegible]

Millbrae Public Works.	193330
Millbrae Public Works	179246
Millbrae Public Works	184632
Millbrae Public Works.	150806
Millbrae Public Works.	440832
Millbrae Public Works.	852216
Millbrae Public Works	348844
Millbrae Public Works	904272
Millbrae Public Works.	530735
Millbrae Public Works	668880
Millbrae Public Works.	208659
Millbrae public Works	482716
Millbrae Public Works	261418
Millbrae Public Works	685088
Millbrae Public Works	813925
Millbrae Public Works.	365624
Millbrae Public Works	329951
Millbrae Public Works	194073
Millbrae Public Works	773989
Millbrae Public Works	248078
Millbrae Public Works.	590032
Millbrae Public Works	528751
Millbrae Public Works	646679
Millbrae Public Works	161971
Millbrae Public Works Corp Yard	585598
Millbrae Public Works	155136
Millbrae Public Works	207672
Millbrae Public Works.	101853
Millbrae Public Works	860728
Millbrae Public Works	196890
Millbrae Public Works	110244
Millbrae Public Works	184564
Millbrae Public Works.	281982
Millbrae Public Works	433129
Millbrae Public Works	765483
Millbrae Public Works	411417
Millbrae Public Works.	679293
Millbrae Public Works.	317031
Millbrae public Works	884507
Millbrae Public Works.	675989
Millbrae Public Works	208641
Millbrae Public Works	925274
Millbrae Public Works	695539
Millbrae Public Works	987450
Millbrae Public Works	108418
Millbrae Public Works	610605
Millbrae Public Works	498214
Millbrae Public Works	827365
Millbrae Public Works	983179
Millbrae Public Works	759254
Millbrae Public Works	922326
Millbrae Public Works	501819
Millbrae Public Works	601388
Millbrae Public Works	541381
Millbrae Public Works	408866

16-Jun-09		16-Jun-09	6/16/2009
1-Jul-09		1-Jul-09	7/1/2009
16-Jul-09		16-Jul-09	12/18/2009
16-Jul-09		16-Jul-09	7/16/2009
6-Aug-09		6-Aug-09	8/6/2009
9-Sep-09		9-Sep-09	9/9/2009
5-Oct-09		5-Oct-09	10/5/2009
5-Oct-09		5-Oct-09	10/5/2009
7-Oct-09		7-Oct-09	10/7/2009
7-Oct-09		7-Oct-09	12/2/2010
14-Oct-09		14-Oct-09	10/14/2009
14-Oct-09		14-Oct-09	12/14/2010
14-Oct-09		14-Oct-09	10/14/2009
14-Oct-09		14-Oct-09	10/14/2009
14-Oct-09		14-Oct-09	10/14/2009
22-Oct-09		22-Oct-09	10/22/2009
25-Oct-09		25-Oct-09	1/24/2011
26-Oct-09		26-Oct-09	10/26/2009
3-Nov-09		3-Nov-09	11/3/2009
9-Nov-09		12-Jan-10	12/2/2010
12-Nov-09		12-Nov-09	11/12/2009
30-Nov-09		30-Nov-09	11/30/2009
16-Dec-09		16-Dec-09	12/16/2009
6-Jan-10		6-Jan-10	1/6/2010
20-Jan-10		20-Jan-10	1/20/2010
27-Jan-10		27-Jan-10	1/27/2010
28-Jan-10		28-Jan-10	1/28/2010
28-Jan-10		28-Jan-10	1/28/2010
1-Feb-10		1-Feb-10	2/1/2010
1-Feb-10		1-Feb-10	2/1/2010
1-Feb-10		1-Feb-10	2/1/2010
1-Mar-10		1-Mar-10	3/1/2010
1-Mar-10		1-Mar-10	3/1/2010
16-Mar-10		16-Mar-10	3/16/2010
16-Mar-10		16-Mar-10	3/16/2010
17-Mar-10		17-Mar-10	3/17/2010
19-Mar-10		19-Mar-10	3/19/2010
19-Mar-10		19-Mar-10	3/19/2010
23-Mar-10		23-Mar-10	1/31/2011
29-Mar-10		29-Mar-10	3/29/2010
9-Apr-10		9-Apr-10	1/31/2011
6-May-10		6-May-10	5/6/2010
17-May-10	5/17/2010	17-May-10	5/17/2010
24-May-10	5/24/2010	24-May-10	5/24/2010
1-Jun-10	6/1/2010	1-Jun-10	6/1/2010
21-Jun-10	6/21/2010	21-Jun-10	6/21/2010
28-Jun-10	6/28/2010	28-Jun-10	6/28/2010
16-Jul-10	7/16/2010	16-Jul-10	7/16/2010
16-Jul-10	7/16/2010	16-Jul-10	7/16/2010
12-Aug-10	8/12/2010	12-Aug-10	8/12/2010
14-Sep-10	9/14/2010	14-Sep-10	9/14/2010
10-Nov-10	11/10/2010	10-Nov-10	11/10/2010
10-Nov-10	11/10/2010	10-Nov-10	11/10/2010
30-Nov-10	11/30/2010	30-Nov-10	11/30/2010
15-Dec-10	12/15/2010	15-Dec-10	12/15/2010

Category 3	1	1
Category 3	2	0
Category 1	50	50
Category 3	75	0
Category 3	4	4
Category 3	2	2
Category 3	1	0
Category 3	1	0
Category 3	200	200
Category 3	30	30
Category 1	500	0
Category 1	300	0
Category 2	1000	0
Category 1	500	0
Category 1	2500	0
Category 3	500	500
Category 1	1000	1000
Category 3	3	3
Category 3	1	1
Category 3	2	2
Category 3	100	100
Category 3	100	100
Category 3	30	30
Category 3	150	150
Category 1	800	0
Category 3	5	5
Category 3	1	1
Category 3	50	50
Category 3	10	10
Category 3	2	2
Category 3	4	4
Category 3	2	2
Category 3	200	200
Category 3	1	1
Category 3	1	1
Category 3	1	1
Category 3	1	1
Category 3	1	1
Category 3	25	25
Category 3	1	0
Category 3	50	50
Category 3	2	2
Category 3	15	15
Category 3	10	10
Category 3	2	2
Category 3	3	3
Category 3	2	2
Category 3	5	5
Category 3	5	5
Category 3	25	25
Category 3	1	1
Category 3	4	4
Category 3	1	1
Category 3	1	1
Category 3	1	1

0 No	No
0 No	No
50 Yes	Yes
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	Yes
500 Yes	Yes
300 Yes	Yes
0 Yes	Yes
500 Yes	Yes
2500 Yes	Yes
0 No	No
1000 Yes	Yes
0 No	No
0 No	No
0 No	No
0 No	Yes
0 No	No
0 No	Yes
0 No	Yes
800 Yes	Yes
0 No	No
0 No	No
0 No	Yes
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	Yes
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No

Not Applicable - Spill did not reach a separate storm drainpipe

301 Ashton
445 Hazel
10 Poplar Ave.
850 Taylor
252 South Ashton
450 Laurel
445 Green Hills
161 La Prenda
6 Berni Court.
317 Madrone
846 Murchison Drive
10 Rollins Road
10 Rollins
219 Aviator Ave.
219 Aviator Ave
1 Mullins Court
316 Juanita Ave
267 Hillcrest
201 Hazel Ave.
401 Hazel Ave.
310 Ashton Ave.
520 Vista Court
45 Spruce
1047 Pinehurst Court
1176 Landing Lane
1025 Sequoia.
331 Hazel
1175 Tuolumne
1028 Ridgewood
820 Hawthorne
1224 Frontera
20 Colorados
516 Barcelona
10 Corte Princessa
255 Hillcrest
356 Cedar
265 Hillcrest
1006 Murchison Drive.
102 Frontage Road.
867 Clearfield
607 Juanita
261 Willow
110 Frontage Road
880 Hillcrest
821 Hawthorne
300 Poplar
885 Tioga
311 Hazel
612 Millbrae Ave.
1255 Lower Viste Grande
1300 Vista Grande
815 Pinon
1370 Terrace
1220 Frontera
820 El Capitan

37.595556	-122.397778	San Mateo
37.599444	-122.398611	San Mateo
37.596111	-122.391667	San Mateo
37.598056	-122.402778	San Mateo
37.589167	-122.393056	San Mateo
37.598611	-122.399167	San Mateo
37.603611	-122.405083	San Mateo
37.590889	-122.412222	San Mateo
37.611111	-122.400556	San Mateo
37.610278	-122.395833	San Mateo
37.591667	-122.393611	San Mateo
37.602778	-122.383333	San Mateo
37.602778	-122.383333	San Mateo
37.602222	-122.386389	San Mateo
37.602222	-122.386389	San Mateo
37.590694	-122.406167	San Mateo
37.611444	-122.409639	San Mateo
37.599833	-122.394556	San Mateo
37.596528	-122.396139	San Mateo
37.598917	-122.398139	San Mateo
37.596111	-122.398139	San Mateo
37.610167	-122.412694	San Mateo
37.610194	-122.395222	San Mateo
37.600889	-122.419417	San Mateo
37.610083	-122.398222	San Mateo
37.592306	-122.397333	San Mateo
37.597778	-122.397333	San Mateo
37.597222	-122.412778	San Mateo
37.602222	-122.415028	San Mateo
37.592222	-122.392889	San Mateo
37.586389	-122.394389	San Mateo
37.591944	-122.407778	San Mateo
37.607778	-122.409167	San Mateo
37.594722	-122.403889	San Mateo
37.599722	-122.394417	San Mateo
37.610028	-122.393889	San Mateo
37.599889	-122.394472	San Mateo
37.591972	-122.396083	San Mateo
37.597972	-122.385556	San Mateo
37.595944	-122.410028	San Mateo
37.608889	-122.410778	San Mateo
37.615528	-122.393472	San Mateo
37.597778	-122.385556	San Mateo
37.595167	-122.398806	San Mateo
37.592278	-122.392528	San Mateo
37.601056	-122.396556	San Mateo
37.598639	-122.408667	San Mateo
37.597778	-122.397167	San Mateo
37.595222	-122.393278	San Mateo
37.592056	-122.406028	San Mateo
37.590833	-122.406944	San Mateo
37.590694	-122.389333	San Mateo
37.607083	-122.422306	San Mateo
37.586528	-122.394222	San Mateo
37.597028	-122.411389	San Mateo

[illegible]

C.O in sidewalk.

C.O on property.

Main overflowed via a 4 cleanout in the rear yard.

Cleanout in sidewalk.

C.O.

Overflow occurred through a M.H in the street.

C.O in driveway approach.

MANHOLE IN STREET

C.O in sidewalk.

C.O in sidewalk.

C.O in back yard.

C.O in sidewalk.

C.O in sidewalk.

C.O in sidewalk.

C.O in sidewalk.

C.O in sidewalk.

C.O between sidewalk and curb.

C.O in sidewalk.

C.O in sidewalk.

C.O in sidewalk

C.O in side yard.

C.O in sidewalk

C.O in sidewalk

C.O in sidewalk.

Overflowed on garage floor.

M.H.

C.O in sidewalk.

C.O in sidewalk.

C.O in sidewalk.

C.O in driveway.

Basement.

C.O

C.O in sidewalk

Other paved surface
Unpaved surface
Storm drain
Unpaved surface
Street/curb and gutter
Building or structure
Unpaved surface
Unpaved surface
Other (specify below)
Separate storm drain
Storm drain
Separate storm drain
Storm drain
Storm drain
Storm drain
Unpaved surface
Separate storm drain
Other paved surface
Street/curb and gutter
Unpaved surface
Storm drain
Unpaved surface
Storm drain
Storm drain
Storm drain
Street/curb and gutter
Street/curb and gutter
Storm drain
Street/curb and gutter
Street/curb and gutter
Street/curb and gutter
Street/curb and gutter
Street/curb and gutter
Building or structure;Other paved surface
Unpaved surface
Street/curb and gutter
Street/curb and gutter
Street/curb and gutter
Street/curb and gutter
Street/curb and gutter
Other paved surface
Separate storm drain
Other paved surface
Street/curb and gutter
Unpaved surface
Street/curb and gutter
Unpaved surface
Street/curb and gutter
Building or structure
Street/curb and gutter
Unpaved surface
Street/curb and gutter
Street/curb and gutter
Street/curb and gutter
Street/curb and gutter
Street/curb and gutter

Spill drained to a rear patio drain that drains back to our sanitary collection system.

Back Yards of 520 Vista Court and 609 Santa Barbara.
All overflow was contained and removed from affected area.

Spill overflowed to basement and a parking lot.

the only visible overflow was dried toilet paper on the sidewalk.

6/13/2009 9:15	6/13/2009 9:15	6/13/2009 9:30	6/13/2009 10:30
6/8/2009 8:45	6/8/2009 8:45	6/8/2009 9:05	6/8/2009 9:30
7/8/2009 17:30	7/8/2009 17:30	7/8/2009 18:00	7/8/2009 20:00
7/10/2009 11:00	7/10/2009 11:00	7/10/2009 11:00	7/10/2009 12:30
7/28/2009 19:10	7/28/2009 19:10	7/28/2009 19:30	7/28/2009 19:50
8/30/2009 19:56	8/30/2009 19:56	8/30/2009 20:20	8/30/2009 20:20
9/28/2009 9:25	9/28/2009 9:25	9/28/2009 9:45	9/28/2009 10:50
9/24/2009 7:45	9/24/2009 7:45	9/24/2009 8:05	9/24/2009 9:00
10/6/2009 11:30	10/6/2009 11:30	10/6/2009 11:45	10/6/2009 11:45
10/7/2009 10:40	10/7/2009 10:40	10/7/2009 10:50	10/7/2009 10:50
10/13/2009 10:30	10/13/2009 10:30	10/13/2009 10:40	10/13/2009 11:00
10/13/2009 12:30	10/13/2009 12:30	10/13/2009 12:30	10/13/2009 15:00
10/13/2009 15:30	10/13/2009 15:30	10/13/2009 15:30	10/13/2009 17:00
10/13/2009 12:30	10/13/2009 12:30	10/13/2009 12:30	10/13/2009 15:00
10/13/2009 15:30	10/13/2009 15:30	10/13/2009 15:30	10/13/2009 17:00
10/21/2009 16:15	10/21/2009 16:15	10/21/2009 16:30	10/21/2009 16:30
10/25/2009 15:14	10/25/2009 15:14	10/25/2009 15:40	10/25/2009 15:45
10/23/2009 10:00	10/23/2009 10:00	10/23/2009 10:15	10/23/2009 10:20
10/31/2009 10:05	10/31/2009 10:05	10/31/2009 10:25	10/31/2009 10:25
11/7/2009 15:00	11/7/2009 15:00	11/7/2009 15:30	11/7/2009 16:00
11/12/2009 13:20	11/12/2009 13:20	11/12/2009 13:35	11/12/2009 13:40
11/27/2009 10:30	11/27/2009 10:30	11/27/2009 10:50	11/27/2009 13:30
12/3/2009 10:00	12/3/2009 10:00	12/3/2009 10:15	12/3/2009 10:50
1/6/2010 10:30	1/6/2010 10:30	1/6/2010 10:45	1/6/2010 10:50
1/20/2010 10:00	1/20/2010 10:00	1/20/2010 10:00	1/20/2010 10:40
1/7/2010 9:40	1/7/2010 9:40	1/7/2010 10:00	1/7/2010 10:00
1/12/2010 9:25	1/12/2010 9:25	1/12/2010 9:30	1/12/2010 10:00
1/26/2010 14:00	1/26/2010 14:00	1/26/2010 14:20	1/26/2010 14:30
1/4/2010 10:45	1/4/2010 10:45	1/4/2010 11:00	1/4/2010 11:00
1/28/2010 21:39	1/28/2010 21:39	1/28/2010 21:55	1/28/2010 23:00
1/30/2010 10:00	1/30/2010 10:00	1/30/2010 10:29	1/30/2010 11:00
2/25/2010 11:10	2/25/2010 11:15	2/25/2010 11:30	2/25/2010 12:00
2/5/2010 16:28	2/5/2010 16:28	2/5/2010 17:05	2/5/2010 19:00
3/9/2010 17:45	3/9/2010 17:45	3/9/2010 18:00	3/9/2010 18:30
3/11/2010 10:20	3/11/2010 10:20	3/11/2010 10:25	3/11/2010 10:40
3/9/2010 15:30	3/9/2010 15:30	3/9/2010 15:45	3/9/2010 16:00
3/16/2010 19:40	3/16/2010 19:40	3/16/2010 20:00	3/16/2010 20:00
3/3/2010 22:00	3/3/2010 22:00	3/3/2010 22:20	3/3/2010 22:20
3/19/2010 14:50	3/19/2010 14:50	3/19/2010 15:00	3/19/2010 15:00
3/26/2010 14:20	3/26/2010 14:20	3/26/2010 14:50	3/26/2010 14:50
4/8/2010 9:00	4/8/2010 9:00	4/8/2010 9:15	4/8/2010 11:00
5/3/2010 9:40	5/3/2010 9:40	5/3/2010 9:55	5/3/2010 10:30
5/16/2010 12:50	5/16/2010 12:50	5/16/2010 13:15	5/16/2010 14:00
5/20/2010 10:35	5/20/2010 10:35	5/20/2010 10:45	5/20/2010 11:15
5/26/2010 20:40	5/26/2010 20:40	5/26/2010 21:03	5/26/2010 22:00
6/17/2010 8:45	6/17/2010 8:45	6/17/2010 9:10	6/17/2010 9:30
6/24/2010 9:30	6/24/2010 9:30	6/24/2010 9:50	6/24/2010 9:50
7/7/2010 10:30	7/7/2010 10:30	7/7/2010 10:45	7/7/2010 10:45
7/12/2010 11:50	7/12/2010 11:50	7/12/2010 12:00	7/12/2010 12:00
8/5/2010 7:20	8/5/2010 7:20	8/5/2010 7:30	8/5/2010 7:40
9/12/2010 13:12	9/12/2010 13:12	9/12/2010 14:21	9/12/2010 15:25
10/7/2010 10:56	10/7/2010 10:56	10/7/2010 11:10	10/7/2010 11:10
11/5/2010 11:00	11/5/2010 11:00	11/5/2010 11:30	11/5/2010 11:30
11/19/2010 10:30	11/19/2010 10:30	11/19/2010 10:40	11/19/2010 10:40
12/8/2010 15:40	12/8/2010 15:40	12/8/2010 15:55	12/8/2010 16:30

Root intrusion
Root intrusion
Grease deposition (FOG)
Debris-General
Debris-General
Pipe structural problem/failure
Root intrusion
Root intrusion
Debris-General
Root intrusion
Debris-General
Rainfall exceeded design (Separate CS Only)
Rainfall exceeded design
Rainfall exceeded design
Rainfall exceeded design
Debris-General
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Debris-General
Root intrusion
Debris-Rags
Root intrusion
Rainfall exceeded design
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Debris-General
Root intrusion
Root intrusion
Root intrusion
Debris-General
Debris-General
Root intrusion
Debris-Rags
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Debris-General
Root intrusion
Root intrusion
Root intrusion
Grease deposition (FOG)
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Root intrusion

Debris and roots in a main caused a back-up.

[illegible]

Roots in the main caused our main to back up.

Loose roots and debris built up in the M.H.

10
6
6
18
18
6
6 VCP
4 VCP
4

4 V.C.P

15
4 V.C.P.
4 V.C.P.
6 V.C.P.
4

4
4 vcp

4 HDPE

4 V.C.P.
4 V.C.P.

4

6 VCP
4 VCP

4 VCP
4 VCP
4 VCP
4 vcp
4 V.C.P.
4 VCP
4 VCP

60
50

60
60
30

60
60
30

60

40
70
70
60
50
40
40

City crew dug up up and replaced lower lateral from the main to the sidewalk. Crews installed 20' of 4 HDPE pipe with a l

Crews responded and unplugged the main. More crews responded and dammed the creek containing it. Overflow was r

Planned repair of lateral.

Completed full lateral replacement on 11//09/2010

7/15/2009 20:00

10/13/2009 11:00

10/13/2009 15:00

10/13/2009 17:00

10/13/2009 15:00

10/13/2009 17:00

10/25/2009 20:20

1/20/2010 10:40

Plan rehabilitation or replacement of sewer

Adjusted schedule/method of preventive maintenance

Plan rehabilitation or replacement of sewer

Plan rehabilitation or replacement of sewer

Plan rehabilitation or replacement of sewer

Plan rehabilitation or replacement of sewer

Adjusted schedule/method of preventive maintenance;Plan rehabilitation or replacement of sewer

Plan rehabilitation or replacement of sewer

No

No

No

No

No

No

No

No

Crews are still on site. Overflow is contained.

No

No
Yes
Yes
No
No

No

Yes

N/A

N/A
N/A
N/A
N/A
N/A

N/A

N/A

N/A

N/A
Drainage Canal
N/A
N/A
N/A

none

N/A

None

None
N/A

No water quality samples taken

No water quality samples taken

No water quality samples taken

No water quality samples taken

No water quality samples taken

No water quality samples taken

No water quality samples taken

Not applicable to this spill

None of the above

No water quality samples taken

None of the above

None of the above

None of the above

None of the above

No water quality samples taken

Not applicable to this spill

96903	10/13/2009 15:00
96919	10/13/2009 17:30
96904	10/13/2009 15:30
96920	10/13/2009 17:30

97205	10/25/2009 16:51
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97612	11/12/2009 14:35
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100095	1/6/2010 12:12
100460	1/20/2010 11:00

2SSO10155	Active	759543 Michael Killigrew	Certified
2SSO10155	Active	760091 Michael Killigrew	Certified
2SSO10155	Active	760467 Michael Killigrew	Certified
2SSO10155	Active	760468 Michael Killigrew	Certified
2SSO10155	Active	761423 Michael Killigrew	Certified
2SSO10155	Active	761708 Michael Killigrew	Certified
2SSO10155	Active	763043 Michael Killigrew	Certified
2SSO10155	Active	763248 Michael Killigrew	Certified
2SSO10155	Active	764785 Michael Killigrew	Certified
2SSO10155	Active	764786 Michael Killigrew	Certified
2SSO10155	Active	764788 Michael Killigrew	Certified
2SSO10155	Active	764789 Michael Killigrew	Certified
2SSO10155	Active	764953 Michael Killigrew	Certified
2SSO10155	Active	765244 Michael Killigrew	Certified
2SSO10155	Active	766758 Michael Killigrew	Certified
2SSO10155	Active	766759 Michael Killigrew	Certified
2SSO10155	Active	768230 Michael killigrew	Certified
2SSO10155	Active	768235 Michael Killigrew	Certified
2SSO10155	Active	768283 Michael Killigrew	Certified
2SSO10155	Active	768305 Michael Killigrew	Certified
2SSO10155	Active	768634 Michael Killigrew	Certified
2SSO10155	Active	770021 Michael Killigrew	Certified
2SSO10155	Active	770024 Michael Killigrew	Certified
2SSO10155	Active	770027 Michael Killigrew	Certified
2SSO10155	Active	770028 Michael Killigrew	Certified
2SSO10155	Active	770925 Michael Killigrew	Certified
2SSO10155	Active	770930 Michael Killigrew	Certified
2SSO10155	Active	770933 Michael Killigrew	Certified
2SSO10155	Active	770974 Michael Killigrew	Certified
2SSO10155	Active	772373 Michael Killigrew	Certified
2SSO10155	Active	772426 Michael Killigrew	Certified
2SSO10155	Active	772491 Michael Killigrew	Certified
2SSO10155	Active	772557 Michael Killigrew	Certified
2SSO10155	Active	772558 Michael Killigrew	Certified
2SSO10155	Active	772560 Michael Killigrew	Certified
2SSO10155	Active	772969 Michael Killigrew	Certified
2SSO10155	Active	772976 Michael Killigrew	Certified
2SSO10155	Active	773145 Michael Killigrew	Certified
2SSO10155	Active	773437 Michael Killigrew	Certified
2SSO10155	Active	774634 Michael Killigrew	Certified
2SSO10155	Active	774639 Michael Killigrew	Certified
2SSO10155	Active	774674 Michael Killigrew	Certified
2SSO10155	Active	774677 Michael Killigrew	Certified
2SSO10155	Active	774683 Michael Killigrew	Certified
2SSO10155	Active	774694 Michael Killigrew	Certified
2SSO10155	Active	774701 Michael killikgrew	Certified
2SSO10155	Active	775991 Michael Killigrew	Certified
2SSO10155	Active	775992 Michael Killigrew	Certified
2SSO10155	Active	775995 Michael Killigrew	Certified
2SSO10155	Active	775998 Michael Killigrew	Certified
2SSO10155	Active	776002 Michael Killigrew	Certified
2SSO10155	Active	776020 Michael Killigrew	Certified
2SSO10155	Active	776086 Michael Killigrew	Certified
2SSO10155	Active	779636 Michael Killigrew	Certified
2SSO10155	Active	780139 Michael Killigrew	Certified

[illegible]

Millbrae Public Works	118460
Millbrae Public Works	728199
Millbrae Public Works	475815
Millbrae Public Works	767684
Millbrae Public Works	946162
Millbrae Public Works	827588
Millbrae Public Works	223465
Millbrae Public Works	463772
Millbrae Public Works	442191
Millbrae Public Works	991334
Millbrae Public Works	100364
Millbrae Public Works	143379
Millbrae Public Works	742495
Millbrae Public Works	958295
Millbrae Public Works	181525
Millbrae Public Works	723247
Millbrae public Works	458855
Millbrae Public Works	243899
Millbrae Public Works	276128
Millbrae Public Works	758687
Millbrae Public Works	787828
Millbrae Public Works	144516
Millbrae public Works	257369
Millbrae public works	142069
Millbrae Public Works	870373
Millbrae Public Works	529516
Millbrae Public Works	757544
Millbrae Public works	579850
Millbrae Public Works	805345
Millbrae Public Works	144805
Millbrae public Works	195931
Millbrae Public Works	405490
Millbrae Public Works	251152
Millbrae Public Works	118363
Millbrae Public Works	233230
Millbrae Public Works	824544
Millbrae Public Works	576561
Millbrae Public Works	399959
Millbrae Public Works	594638
Millbrae Public Works	953069
Millbrae Public Works	422544
Millbrae Oublic Works	768032
Millbrae Public Works	731961
Mollbrae Public Works	935581
Millbrae Public Works	454926
Millbrae Public Works	704756
Millbrae Public Works	355289
Millbrae Public Works	804405
Millbrae Public Works	122633
Millbrae Public Works	662262
Millbrae Public Works	739524
Millbrae Public Works	791917
Millbrae Public Works	276723
Millbrae Public Works	189227
Millbrae Public Works	472954

19-Dec-10	12/19/2010	19-Dec-10	12/19/2010
3-Jan-11	1/3/2011	3-Jan-11	4/21/2011
9-Jan-11	1/9/2011	9-Jan-11	1/9/2011
9-Jan-11	1/9/2011	9-Jan-11	1/9/2011
20-Jan-11	1/20/2011	20-Jan-11	1/20/2011
24-Jan-11	1/24/2011	24-Jan-11	1/24/2011
15-Feb-11	2/15/2011	15-Feb-11	2/15/2011
17-Feb-11	2/17/2011	17-Feb-11	2/17/2011
24-Mar-11	3/24/2011	24-Mar-11	3/24/2011
24-Mar-11	3/24/2011	24-Mar-11	3/24/2011
24-Mar-11	3/24/2011	24-Mar-11	3/24/2011
24-Mar-11	3/24/2011	24-Mar-11	3/24/2011
30-Mar-11	3/30/2011	30-Mar-11	3/30/2011
7-Apr-11	4/7/2011	7-Apr-11	4/7/2011
20-May-11	5/20/2011	20-May-11	5/20/2011
20-May-11	5/20/2011	20-May-11	5/20/2011
7-Jul-11	7/7/2011	7-Jul-11	7/7/2011
7-Jul-11	7/7/2011	7-Jul-11	7/7/2011
11-Jul-11	7/11/2011	11-Jul-11	7/11/2011
11-Jul-11	7/11/2011	11-Jul-11	7/11/2011
19-Jul-11	7/19/2011	19-Jul-11	7/19/2011
19-Aug-11	8/19/2011	19-Aug-11	8/19/2011
19-Aug-11	8/19/2011	19-Aug-11	8/19/2011
19-Aug-11	8/19/2011	19-Aug-11	8/19/2011
19-Aug-11	8/19/2011	19-Aug-11	8/19/2011
12-Sep-11	9/12/2011	12-Sep-11	9/12/2011
12-Sep-11	9/12/2011	12-Sep-11	9/12/2011
12-Sep-11	9/12/2011	12-Sep-11	9/12/2011
13-Sep-11	9/13/2011	13-Sep-11	9/13/2011
26-Oct-11	10/26/2011	26-Oct-11	10/26/2011
27-Oct-11	10/27/2011	27-Oct-11	10/27/2011
28-Oct-11	10/28/2011	28-Oct-11	10/28/2011
31-Oct-11	10/31/2011	31-Oct-11	10/31/2011
31-Oct-11	10/31/2011	31-Oct-11	10/31/2011
31-Oct-11	10/31/2011	31-Oct-11	10/31/2011
10-Nov-11	11/10/2011	10-Nov-11	11/10/2011
10-Nov-11	11/10/2011	10-Nov-11	11/10/2011
15-Nov-11	11/15/2011	15-Nov-11	11/15/2011
23-Nov-11	11/23/2011	23-Nov-11	1/24/2012
22-Dec-11	12/22/2011	22-Dec-11	12/22/2011
22-Dec-11	12/22/2011	22-Dec-11	12/22/2011
23-Dec-11	12/23/2011	23-Dec-11	12/23/2011
23-Dec-11	12/23/2011	23-Dec-11	12/23/2011
23-Dec-11	12/23/2011	23-Dec-11	12/23/2011
23-Dec-11	12/23/2011	23-Dec-11	12/23/2011
23-Dec-11	12/23/2011	23-Dec-11	12/23/2011
18-Jan-12	1/18/2012	18-Jan-12	1/18/2012
18-Jan-12	1/18/2012	18-Jan-12	1/18/2012
18-Jan-12	1/18/2012	18-Jan-12	1/18/2012
18-Jan-12	1/18/2012	18-Jan-12	1/18/2012
18-Jan-12	1/18/2012	18-Jan-12	1/18/2012
19-Jan-12	1/19/2012	19-Jan-12	1/19/2012
19-Jan-12	1/19/2012	19-Jan-12	1/19/2012
5-Apr-12	4/5/2012	5-Apr-12	4/5/2012
16-Apr-12	4/16/2012	16-Apr-12	4/16/2012

Category 1	5000	0
Category 3	2	2
Category 3	60	60
Category 3	100	100
Category 3	5	5
Category 3	1	1
Category 3	1	1
Category 1	800	0
Category 1	6000	0
Category 1	3600	0
Category 1	750	0
Category 1	1000	0
Category 3	10	10
Category 3	200	200
Category 3	20	20
Category 3	400	400
Category 3	10	10
Category 3	10	10
Category 3	10	10
Category 3	10	10
Category 3	15	15
Category 3	2	2
Category 3	1	1
Category 3	30	0
Category 3	1	0
Category 3	1	1
Category 3	30	30
Category 3	2	2
Category 3	1	1
Category 3	1	1
Category 3	20	20
Category 3	100	100
Category 3	1	1
Category 3	1	1
Category 3	1	1
Category 3	1	0
Category 3	1	1
Category 3	1	1
Category 3	2	2
Category 3	1	1
Category 3	5	5
Category 3	30	30
Category 3	1	1
Category 3	1	1
Category 3	1	1
Category 3	1	1
Category 3	5	5
Category 3	5	5
Category 3	2	2
Category 3	3	3
Category 3	6	6
Category 3	1	1
Category 3	4	4
Category 3	2	2
Category 3	5	5

[illegible]

[illegible]

No

No

Not

[illegible][illegible][illegible]

185 Aviator
445 Hazel Ave.
1280 El Camino Real
199 California Drive
812 Hawthorne
213 South Ashton
40 Corte Allegre
320 Millbrae Ave.
320 Millbrae Avenue
320 Millbrae Avenue
10 Rollins Road
1136 Landing Lane
1000 Crestview
86 Center Street
405 Laurel Ave
59 Aura Vista
754 Clearfield
865 Millbrae Ave
354 Cedar
112 South Ashton
1280 Millbrae Ave.
804 Hawthorne
350 Palm Ave
431 Taylor
819 Pinon
1348 Hillcrest
1033 Magnolia
205 Del Centro
267 Barclay
197 Poplar
850 Taylor
959 El Camino Real
341 Ashton
320 Hazel
330 Poplar
261 South Ashton
331 Paramount
820 Hawthorne
821 Taylor
627 Santa Florita
880 Hillcrest
1141 San Anselmo
831 Hillcrest
311 Poplar Ave
406 Hazel
247 Helen Drive
1 Millbrae Circle
1200 Manzanita
400 Millbrae Avenue
616 Bonita Avenue
813 Hawthorne way
289 La Cruz
1366 Hillcrest Blvd.
542 Vista Court
340 Laurel Avenue

37.602556	-122.385194	San Mateo
37.599417	-122.398722	San Mateo
37.609361	-122.399417	San Mateo
37.627086	-122.385019	San Mateo
37.592333	-122.392278	San Mateo
37.602556	-122.385194	San Mateo
37.593917	-122.407444	San Mateo
37.601583	-122.38325	San Mateo
37.601611	-122.383167	San Mateo
37.601167	-122.382222	San Mateo
37.600056	-122.383583	San Mateo
37.601167	-122.382244	San Mateo
37.597222	-122.418333	San Mateo
37.608944	-122.397333	San Mateo
37.598167	-122.398861	San Mateo
37.591333	-122.405556	San Mateo
37.595528	-122.408222	San Mateo
37.594472	-122.394472	San Mateo
37.609972	-122.394222	San Mateo
37.592083	-122.395389	San Mateo
37.588556	-122.406278	San Mateo
37.592528	-122.391722	San Mateo
37.599444	-122.397139	San Mateo
37.602611	-122.392556	San Mateo
37.590611	-122.389333	San Mateo
37.590917	-122.407722	San Mateo
37.605389	-122.399389	San Mateo
37.591667	-122.411861	San Mateo
37.600472	-122.395222	San Mateo
37.597667	-122.393528	San Mateo
37.599278	-122.403083	San Mateo
37.605722	-122.396861	San Mateo
37.596694	-122.398639	San Mateo
37.598361	-122.397806	San Mateo
37.600583	-122.395306	San Mateo
37.589944	-122.393056	San Mateo
37.608167	-122.404472	San Mateo
37.592472	-122.392472	San Mateo
37.597694	-122.400333	San Mateo
37.610056	-122.408528	San Mateo
37.595167	-122.398944	San Mateo
37.609833	-122.398944	San Mateo
37.595472	-122.398167	San Mateo
37.599889	-122.395417	San Mateo
37.599167	-122.39825	San Mateo
37.604361	-122.400806	San Mateo
37.592611	-122.398361	San Mateo
37.590056	-122.397778	San Mateo
37.596389	-122.391194	San Mateo
37.609028	-122.411694	San Mateo
37.59225	-122.392083	San Mateo
37.598833	-122.394139	San Mateo
37.590694	-122.408333	San Mateo
37.610611	-122.412833	San Mateo
37.589222	-122.398111	San Mateo

[illegible]

M.H in driveway.

C.O in sidewalk

C.O in rear yard.

Man hole overflowed on sidewalk behind Millbrae Avenue from surcharge due to inclement weather.
Manhole overflowed in street.

Manhole overflowed in street.

Spill overflowed at a 4 c.o. behind the sidewalk. Spill was contained to a paved entry way that was protected with sandba
City c.o.

Cleanout in sidewalk.

Overflow through c.o in the rear yard.

C.O in driveway

C.O in lawn

Cleanout

Spur trail

Cleanout in sidewalk.

gs which had been placed by the proper

[illegible]

C.O in sidewalk

Manhole overflowed in street.

Cleanout in sidewalk.

Manhole in back yard

Clean out

C.O in sidewalk

C.O in sidewalk.

Overflow through c.o in the rear yard.

C.O in sidewalk.

C.O in sidewalk

Separate storm drain
Street/curb and gutter
Unpaved surface
Building or structure; Street/curb and gutter
Street/curb and gutter
Street/curb and gutter
Unpaved surface
Separate storm drain
Separate storm drain
Separate storm drain
Separate storm drain
Separate storm drain
Street/curb and gutter
Other paved surface
Street/curb and gutter
Unpaved surface
Street/curb and gutter
Street/curb and gutter
Street/curb and gutter
Street/curb and gutter
Unpaved surface
Street/curb and gutter
Street/curb and gutter
Separate storm drain
Street/curb and gutter
Street/curb and gutter
Street/curb and gutter
Street/curb and gutter
Unpaved surface
Street/curb and gutter
Street/curb and gutter
Unpaved surface
Separate storm drain
Street/curb and gutter
Street/curb and gutter
Street/curb and gutter
Street/curb and gutter
Combined storm drain (combined CS only)
Street/curb and gutter
Street/curb and gutter
Street/curb and gutter
Street/curb and gutter
Street/curb and gutter
Street/curb and gutter
Street/curb and gutter
Street/curb and gutter
Building or structure
Street/curb and gutter
Street/curb and gutter
Street/curb and gutter
Street/curb and gutter
Street/curb and gutter
Street/curb and gutter
Street/curb and gutter
Building or structure
Street/curb and gutter
Street/curb and gutter

Contained to backyards.

Backyards

12/19/2010 8:30	12/19/2010 8:30	12/19/2010 8:30	12/19/2010 9:20
12/26/2010 10:50	12/26/2010 10:50	12/26/2010 11:20	12/26/2010 11:20
1/4/2011 16:30	1/4/2011 16:30	1/4/2011 16:45	1/4/2011 17:00
1/4/2011 9:50	1/4/2011 9:50	1/4/2011 10:00	1/4/2011 10:15
1/18/2011 15:30	1/18/2011 15:30	1/18/2011 15:45	1/18/2011 15:45
1/22/2011 14:45	1/22/2011 14:45	1/22/2011 15:10	1/22/2011 15:10
1/27/2011 9:40	1/27/2011 9:40	1/27/2011 9:50	1/27/2011 9:50
2/17/2011 11:50	2/17/2011 11:50	2/17/2011 11:50	2/17/2011 12:00
3/24/2011 11:00	3/24/2011 11:00	3/24/2011 11:00	3/24/2011 14:00
3/24/2011 11:00	3/24/2011 11:00	3/24/2011 11:00	3/24/2011 14:00
3/24/2011 12:00	3/24/2011 12:00	3/24/2011 12:00	3/24/2011 14:00
3/24/2011 11:00	3/24/2011 11:00	3/24/2011 11:00	3/24/2011 11:30
3/29/2011 11:50	3/29/2011 11:50	3/29/2011 12:00	3/29/2011 12:00
4/4/2011 11:35	4/4/2011 11:35	4/4/2011 11:45	4/4/2011 11:45
4/29/2011 8:30	4/29/2011 8:30	4/29/2011 8:30	4/29/2011 8:45
5/16/2011 7:45	5/16/2011 7:45	5/16/2011 8:00	5/16/2011 8:00
6/18/2011 22:00	6/18/2011 22:00	6/18/2011 10:20	6/18/2011 0:00
7/5/2011 14:00	7/5/2011 14:00	7/5/2011 14:10	7/5/2011 14:10
7/8/2011 9:45	7/8/2011 9:45	7/8/2011 10:00	7/8/2011 10:00
7/5/2011 9:15	7/5/2011 9:15	7/5/2011 9:15	7/5/2011 10:00
7/17/2011 11:00	7/17/2011 11:00	7/17/2011 11:20	7/17/2011 11:20
7/22/2011 14:00	7/22/2011 14:00	7/22/2011 14:20	7/22/2011 14:30
8/8/2011 10:00	8/8/2011 10:00	8/8/2011 10:15	8/8/2011 10:15
8/17/2011 11:00	8/17/2011 11:00	8/17/2011 11:10	8/17/2011 11:30
7/27/2011 11:00	7/27/2011 11:10	7/27/2011 0:00	7/27/2011 0:00
9/7/2011 13:30	9/7/2011 13:30	9/7/2011 13:45	9/7/2011 13:45
9/6/2011 15:30	9/6/2011 15:30	9/6/2011 15:50	9/6/2011 16:00
9/7/2011 9:00	9/7/2011 9:15	9/7/2011 9:15	9/7/2011 10:00
9/9/2011 12:35	9/9/2011 12:35	9/9/2011 12:55	9/9/2011 13:25
10/22/2011 8:35	10/22/2011 8:35	10/22/2011 8:55	10/22/2011 9:30
10/11/2011 10:30	10/11/2011 10:30	10/11/2011 10:40	10/11/2011 10:45
10/12/2011 9:30	10/12/2011 9:30	10/12/2011 9:40	10/12/2011 9:40
9/18/2011 19:50	9/18/2011 19:50	9/18/2011 20:10	9/18/2011 20:30
10/6/2011 8:30	10/6/2011 8:30	10/6/2011 8:45	10/6/2011 8:45
10/9/2011 18:00	10/9/2011 18:00	10/9/2011 18:20	10/9/2011 18:20
11/8/2011 8:45	11/8/2011 8:45	11/8/2011 8:55	11/8/2011 8:55
11/9/2011 12:45	11/9/2011 12:45	11/9/2011 13:00	11/9/2011 13:00
10/27/2011 13:10	10/27/2011 13:10	10/27/2011 13:30	10/27/2011 13:30
11/21/2011 15:00	11/21/2011 15:00	11/21/2011 15:15	11/21/2011 16:00
11/28/2011 14:00	11/28/2011 14:00	11/28/2011 14:25	11/28/2011 14:25
11/30/2011 13:08	11/30/2011 13:08	11/30/2011 13:25	11/30/2011 13:25
12/5/2011 11:00	12/5/2011 11:00	12/5/2011 11:20	12/5/2011 11:20
12/5/2011 9:10	12/5/2011 9:10	12/5/2011 9:30	12/5/2011 9:30
12/9/2011 10:54	12/9/2011 10:54	12/9/2011 11:05	12/9/2011 11:05
12/11/2011 20:00	12/11/2011 20:00	12/11/2011 20:20	12/11/2011 22:50
12/14/2011 11:20	12/14/2011 11:20	12/14/2011 11:45	12/14/2011 11:45
1/9/2012 23:00	1/9/2012 23:00	1/9/2012 23:30	1/9/2012 23:30
1/5/2012 7:00	1/5/2012 7:00	1/5/2012 7:15	1/5/2012 7:15
12/30/2011 7:00	12/30/2011 7:00	12/30/2011 7:30	12/30/2011 7:30
12/30/2011 11:30	12/30/2011 11:30	12/30/2011 12:00	12/30/2011 12:00
12/28/2011 8:30	12/28/2011 8:30	12/28/2011 9:00	12/28/2011 9:00
12/27/2011 10:00	12/27/2011 10:00	12/27/2011 10:30	12/27/2011 10:40
12/26/2011 11:00	12/26/2011 11:00	12/26/2011 11:20	12/26/2011 11:20
3/31/2012 15:30	3/31/2012 15:30	3/31/2012 15:40	3/31/2012 15:40
4/6/2012 17:35	4/6/2012 17:35	4/6/2012 18:00	4/6/2012 19:00

Flow exceeded capacity (Seperate CS Only)

Debris-General

Pipe structural problem/failure

Root intrusion

Root intrusion

Root intrusion

Root intrusion

Surcharged pipe (Combined CS Only)

Rainfall exceeded design (Separate CS Only)

Rainfall exceeded design (Separate CS Only)

Rainfall exceeded design (Separate CS Only)

Rainfall exceeded design (Separate CS Only)

Debris-General

Grease deposition (FOG)

Root intrusion

Root intrusion

Debris-Rags

Root intrusion

Debris-Rags

Root intrusion

Root intrusion

Root intrusion

Debris-General

Debris-General

Root intrusion

Root intrusion

Pipe structural problem/failure

Pipe structural problem/failure

Root intrusion

Root intrusion

Root intrusion

Root intrusion

Root intrusion

Root intrusion

Root intrusion

Root intrusion

Root intrusion

Debris-General

Debris-Rags

Root intrusion

Root intrusion

Grease deposition (FOG)

Root intrusion

Root intrusion

Pipe structural problem/failure

Debris-General

Root intrusion

Debris-General

Debris-General

Debris-General

Debris-General

Debris-General

Debris-General

Root intrusion

Root intrusion

Root intrusion in M.H

[illegible]

18 AC

6 VCP

6 VCP

4 VCP

4 VCP

4 vcp

12

12 VCP

12 VCP

6 VCP

16 HDPE

8 VCP

4 VCP

6

4 VCP

6 VCP

4 VCP

4 VCP

6 PVC

4

4 VCP

60

4 VCP

4 VCP

4 VCP

4 VCP

4 V.C.P

4 VCP

4 VCP

50

60

35

35

50

60

60

60

60

12

50

60

40

60

60

60

20

60

60

60

60

60

40

[illegible]

Unable to contain

12/19/2010 9:20

2/17/2011 12:30

3/24/2011 14:00

3/24/2011 14:00

3/24/2011 12:00

3/24/2011 11:30

Plan rehabilitation or replacement of sewer

Plan rehabilitation or replacement of sewer
Plan rehabilitation or replacement of sewer
Plan rehabilitation or replacement of sewer
Plan rehabilitation or replacement of sewer
Plan rehabilitation or replacement of sewer

No

No
No
No
No
No

N/A

Yes

No
Yes
No
Yes
No

None
None
None
None
None

N/A

None

None

None

None

None

[illegible]

No water quality samples taken

No water quality samples taken

No water quality samples taken

No water quality samples taken

No water quality samples taken

No water quality samples taken

None of the above

None of the above
None of the above
None of the above
None of the above
None of the above

107614	12/19/2010 8:45
--------	-----------------

111874	3/24/2011 15:15
111875	3/24/2011 15:15
111876	3/24/2011 15:15
111877	3/24/2011 15:15

2SSO10155	Active	781760 Michael Killigrew	Certified
2SSO10155	Active	783528 Michael Killigrew	Certified
2SSO10155	Active	783533 Michael Killigrew	Certified
2SSO10155	Active	784568 Michael Killigrew	Certified
2SSO10155	Active	786128 Michael Killigrew	Certified
2SSO10155	Active	786145 Michael Killigrew	Certified
2SSO10155	Active	787939 Michael Killigrew	Certified
2SSO10155	Active	788651 Michael Killigrew	Certified
2SSO10155	Active	789558 Michael Killigrew	Certified
2SSO10155	Active	790878 Michael Killigrew	Certified
2SSO10155	Active	793331 Michael Killigrew	Certified
2SSO10155	Active	794568 Michael Killigrew	Certified
2SSO10155	Active	794571 Michael Killigrew	Certified
2SSO10155	Active	795797 Michael Killigrew	Certified
2SSO10155	Active	798170 Michael Killigrew	Certified
2SSO10155	Active	801140 Michael Killigrew	Certified
2SSO10155	Active	801197 Michael Killigrew	Certified
2SSO10156	Active	723940 Greg Armendariz	Certified
2SSO10156	Active	723969 Greg Armendariz	Certified
2SSO10156	Active	725186 Stephan Smith	Certified
2SSO10156	Active	725189 Stephan Smith	Certified
2SSO10156	Active	738604 Stephan Smith	Certified
2SSO10156	Active	739188 Steve Smith	Certified
2SSO10156	Active	750037 Stephan	Certified
2SSO10156	Active	783379 ELiza Nunez	Certified
2SSO10156	Active	783381 Eliza Nunez	Certified
2SSO10156	Active	783746 Eliza Nunez	Certified
2SSO10156	Active	788155 Eliza Nunez	Certified
2SSO10156	Active	793761 Glen Campi	Certified
2SSO10156	Active	793762 Glen Campi	Certified
2SSO10157	Active	707775 Tony Pullin	Certified
2SSO10157	Active	711445 Tony Pullin	Certified
2SSO10157	Active	711894 Tony Pullin	Certified
2SSO10157	Active	711895 Tony Pullin	Certified
2SSO10157	Active	712184 Tony Pullin	Certified
2SSO10157	Active	712186 Tony Pullin	Certified
2SSO10157	Active	712187 Tony Pullin	Certified
2SSO10157	Active	713028 Tony Pullin	Certified
2SSO10157	Active	713994 Tony Pullin	Certified
2SSO10157	Active	714430 Tony Pullin	Certified
2SSO10157	Active	716820 Tony Pullin	Certified
2SSO10157	Active	717832 Tony Pullin	Certified
2SSO10157	Active	718556 Tony Pullin	Certified
2SSO10157	Active	727126 john j. szabo	Certified
2SSO10157	Active	728737 Tony Pullin	Certified
2SSO10157	Active	728738 Tony Pullin	Certified
2SSO10157	Active	731848 nelson sandoval	Certified
2SSO10157	Active	734248 nelson sandoval	Certified
2SSO10157	Active	734266 DavidPartida	Certified
2SSO10157	Active	734414 nelson sandoval	Certified
2SSO10157	Active	734418 nelson sandoval	Certified
2SSO10157	Active	734759 nelson sandoval	Certified
2SSO10157	Active	736303 David Partida	Certified
2SSO10157	Active	736600 Nelson Sandoval	Certified
2SSO10157	Active	737692 David Partida	Certified

Supervisor
Supervisor
Supervisor
Suopervisor
Supervisor
Supervisor
Supervisor
Supervisor
Supervisor
Supervisor
Supervisor
Supervisor
Supervisor
Supervisor
Supervisor
Supervisor
Supervisor
Supervisor
Supervisor
Director of Public Works
Director of Public Works
Sr. Maintenance Supervisor
Sr. Maintenance Supervisor
Sr. Maintenance Supervisor
Sr. Maintenance Supervisor
Smith
Admin Analyst
Admin Analyst
Admin Analyst II
Administrative Assistant
Utility Maintenance Manager
Utility Maintenance Manager
Technical Services Supervisor
Supervisor
Technical Services Supervisor
Technical Services Supervisor
Technical Services Supervisor
Technical Services Supervisor
Technical Services Supervisor
Technical Services Supervisor
Supervisor
Technical Services Supervisor
Technical Services Supervisor
Technical Services Supervisor
Technical Services Supervisor
collection maintenance worker 3
Technical Services Supervisor
Technical Services Supervisor
collection
collections
collection Worker
collections
collections
collections
Collections
Collections Worker
collections

Millbrae Public Works	620016
Millbrae Public Works	479461
Millbrae Public Works	389558
Millbrae Public Works	325943
Millbrae Public Works	233817
Millbrae Public Works	841037
Millbrae Public Works	501239
Millbrae Public Works	945430
Millbrae Public Works	443962
Millbrae Public Works	111955
Millbrae Public Works	957322
Millbrae Public Works	915719
Millbrae Public Works	183864
Millbrae Public Works	980975
Millbrae Public Works	712529
Millbrae Public Works	607374
Millbrae Public Works	524717
Milpitas	816802
Milpitas	365262
Milpitas, Ca	759527
Milpitas, Ca	210896
City of Milpitas	930045
Milpitas, Ca	854751
Milpitas, Ca	605252
Milpitas, CA	922722
Milpitas, CA	373078
Milpitas, CA	262331
Milpitas, CA	209178
	9:54 206799
	9:42 752572
	15:49 212633
	13:00 391270
	15:38 897983
	14:14 627205
	10:08 945080
	10:22 194207
	10:26 386384
	14:05 261303
	17:00 324913
	16:19 605447
	14:48 996852
	10:43 866612
	15:45 318536
	11:31 494429
	16:56 178207
	17:03 397199
sam	641227
sam	114908
4:30pm	894869
sam	391291
sam	535329
sam	384136
	8:00 AM 727755
	17:00 635868
	3:30 PM 537590

31-May-12	5/31/2012	31-May-12	5/31/2012
16-Jul-12	7/16/2012	16-Jul-12	7/16/2012
16-Jul-12	7/16/2012	16-Jul-12	7/16/2012
2-Aug-12	8/2/2012	2-Aug-12	8/2/2012
12-Sep-12	9/12/2012	12-Sep-12	9/12/2012
12-Sep-12	9/12/2012	12-Sep-12	9/12/2012
8-Nov-12	11/8/2012	8-Nov-12	11/8/2012
2-Dec-12	12/2/2012	2-Dec-12	12/2/2012
31-Dec-12	12/31/2012	31-Dec-12	12/31/2012
28-Jan-13	1/28/2013	28-Jan-13	1/28/2013
11-Apr-13	4/11/2013	11-Apr-13	4/11/2013
29-May-13	5/29/2013	29-May-13	5/29/2013
29-May-13	5/29/2013	29-May-13	5/29/2013
19-Jun-13	6/19/2013	19-Jun-13	6/19/2013
23-Aug-13	8/23/2013	23-Aug-13	8/23/2013
26-Nov-13	11/26/2013	26-Nov-13	11/26/2013
27-Nov-13	11/27/2013	27-Nov-13	11/27/2013
31-Jul-08		31-Jul-08	7/31/2008
31-Jul-08		31-Jul-08	7/31/2008
26-Aug-08		26-Aug-08	8/26/2008
26-Aug-08		26-Aug-08	8/26/2008
8-Jun-09		8-Jun-09	6/8/2009
15-Jun-09		15-Jun-09	6/15/2009
3-Mar-10		3-Mar-10	3/3/2010
11-Jul-12	7/11/2012	11-Jul-12	7/11/2012
11-Jul-12	7/11/2012	11-Jul-12	7/11/2012
19-Jul-12	7/19/2012	19-Jul-12	7/19/2012
15-Nov-12	11/15/2012	15-Nov-12	11/15/2012
30-Apr-13	4/30/2013	29-Jul-13	7/29/2013
30-Apr-13	4/30/2013	29-Jul-13	7/29/2013
15-Nov-07		15-Nov-07	11/15/2007
18-Jan-08		4-Jan-08	1/4/2008
26-Jan-08		8-Feb-08	2/8/2008
26-Jan-08		8-Feb-08	2/8/2008
1-Feb-08		1-Feb-08	2/1/2008
1-Feb-08		1-Feb-08	2/1/2008
1-Feb-08		1-Feb-08	2/1/2008
18-Feb-08		31-Mar-08	3/31/2008
26-Feb-08		23-Feb-08	2/23/2008
3-Mar-08		3-Mar-08	3/3/2008
30-Apr-08		30-Apr-08	4/30/2008
22-May-08		22-May-08	5/22/2008
30-May-08		30-May-08	5/30/2008
30-Sep-08		30-Sep-08	9/30/2008
30-Oct-08		30-Oct-08	10/30/2008
30-Oct-08		30-Oct-08	10/30/2008
14-Jan-09		14-Jan-09	1/14/2009
27-Feb-09		27-Feb-09	2/27/2009
27-Feb-09		27-Feb-09	12/8/2009
28-Feb-09		28-Feb-09	2/28/2009
28-Feb-09		28-Feb-09	2/28/2009
10-Mar-09		10-Mar-09	3/10/2009
14-Apr-09		14-Apr-09	4/14/2009
21-Apr-09		21-Apr-09	4/21/2009
20-May-09		20-May-09	5/20/2009

Category 3		10	10
Category 3		10	10
Category 3		1	1
Category 3		500	500
Category 3		5	5
Category 3		5	5
Category 3		10	10
Category 1		6000	0
Category 3		10	10
Category 1		10000	10000
Category 3		10	10
Category 3		10	10
Category 3		10	10
Category 3		50	0
Category 3		10	10
Category 3	100	100	100
Category 3	5	5	5
Category 3		20	20
Category 3		50	50
Category 3		20	20
Category 3		365	365
Category 3		20	20
Category 3		40	40
Category 3		150	150
Category 3		432	432
Category 3		95	95
Category 3		260	200
Category 3		873	873
Category 3		900	900
Category 3		75	75
Category 3		80	
Category 1		816	0
Category 1		202	0
Category 1		1125	0
Category 3		300	0
Category 3		14	0
Category 3		25	25
Category 1		6360	100
Category 3		200	200
Category 3		32	32
Category 1		20	10
Category 3		325	250
Category 3		15	0
Category 3		2	2
Category 3		80	0
Category 3		100	100
Category 3		50	0
Category 3		10	0
Category 3		100	50
Category 3		120	0
Category 3		25	10
Category 3		2	2
Category 3		25	15
Category 3		500	500
Category 3		1	1

0 No	No
0 No	No
0 No	No
0 No	Yes
0 No	No
0 No	No
0 No	No
6000 Yes	Yes
0 No	No
10000 No	Yes
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	Yes
0 No	Yes
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	Yes
0 No	No
0 No	Yes
No	No
816 Yes	No
202 Yes	No
1125 Yes	No
No	No
No	No
No	No
6260 Yes	No
0 No	No
No	No
10 Yes	Yes
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	Yes
0 No	No
0 No	No
0 No	No

[illegible]

161 La Prenda
430 Taylor
400 Hazel Ave.
1385 Magnolia Ave
1150 Hillcrest
612 Millbrae Ave
400 Palm Ave
1132 Landing Lane
210 Broadway
41 Via Canon
800 Taylor Blvd
850 Murchison Dr
801 Hawthorne
466 Hazel Ave
45 Spruce Street
1315 Viste Grande
831 Hillcrest
918 Canada
225 Boyd
Park Victoria Dr.
Comet Dr.
121 Jasmine Court
San Miduel Ct. @ Junipero Dr
923 Coventry Way
Comet Dr & Metropolitan
876 Yosemite Dr
Carnegie & Mercury Ct
Intersection Arizona Ave & Volmy St
250 South Milpitas Blvd
755 E. Capitol Ave
858 Buena Vista Street
7th Street Lift Station
Seal Cove 3 LS
14th Street, Montara
Kanoff Street LS
Seal Cove #4 LS
846 San Ramone
Date - Harte Street LS
Seal Cove # 3 2-23-08
304 14th Street
13th street and Farallone
Carlos Street
Cabrillo Hwy @ 7th street
moss beach
391 6th Street, Montara
560 Kanoff, Montara
800 Edison st
birch street
1131 columbus ave
451 california
557 ISABELLA
312 14th st
Corner of Franklin st and Cedar ST
140 beachway
901 Ocean blvd

37.590806	-122.41225 San Mateo
37.599583	-122.397194 San Mateo
37.598917	-122.397722 San Mateo
37.608417	-122.403139 San Mateo
37.594417	-122.404083 San Mateo
37.595333	-122.393194 San Mateo
37.599639	-122.397278 San Mateo
37.610139	-122.39825 San Mateo
37.605278	-122.397639 San Mateo
37.592694	-122.403194 San Mateo
37.597972	-122.399806 San Mateo
37.592611	-122.391528 San Mateo
37.592611	-122.391528 San Mateo
37.599167	-122.399556 San Mateo
37.610194	-122.395222 San Mateo
37.423444	-122.406917 San Mateo
37.595444	-122.398222 San Mateo
37.441635	-121.890811 Santa Clara
37.45643	-121.906593 Santa Clara
37.417482	121.876016 Santa Clara
37.418871	121.90096 Santa Clara
37.439182	-121.876295 Santa Clara
37.425014	-121.911356 Santa Clara
37.443109	-121.907837 Santa Clara
37.418705	-121.900517 Santa Clara
37.423378	-121.891042 Santa Clara
37.431225	-121.879951 Santa Clara
37.454194	-121.906194 Santa Clara
37.429833	-121.89625 Santa Clara
37.41	-121.887222 Santa Clara
37.53291	122.50897 San Mateo
37.54262	-122.51685 San Mateo
37.51776	122.5103 San Mateo
37.53986	122.5166 San Mateo
37.54941	122.51306 San Mateo
37.51984	122.51092 San Mateo
37.51949	122.51054 San Mateo
37.54046	122.50589 San Mateo
37.51781	-122.51028 San Mateo
37.50932	122.46504 San Mateo
37.53774	122.51665 San Mateo
37.53127	122.51625 San Mateo
37.54299	122.51569 San Mateo
37.51491	122.50908 San Mateo
37.54167	122.51202 San Mateo
37.54169	122.50751 San Mateo
37.54339	122.50256 San Mateo
37.53833	122.50733 San Mateo
37.50502	122.46469 San Mateo
37.52629	122.51432 San Mateo
37.50585	122.46585 San Mateo
37.53714	-122.51712 San Mateo
37.54187	-122.50348 San Mateo
37.51782	-122.51269 San Mateo
37.5143	-122.51136 San Mateo

[illegible]

C.O. in turf strip.

C.O in sidewalk.

Lateral in sidewalk.

Sidewalk

Residential street

Construction Site

on sidewalk of residence at 121 bernal
Dirt in yard and a little in house

onto ground and pavement

1
1

Gravity sewer
Gravity sewer
Gravity sewer
Gravity sewer
Gravity sewer
Gravity sewer
Gravity sewer
Manhole
Gravity sewer
Gravity sewer
Gravity sewer
Gravity sewer
Gravity sewer
Building or structure
Gravity sewer
Manhole
Lateral Clean Out (Public)
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Gravity sewer
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Pump station
Manhole
Pump station
Manhole
Building or structure
Manhole
Manhole
Building or structure
Manhole
Manhole
Manhole
Other (specify)
Building or structure
Manhole
Manhole
Manhole
Other sewer system structure
Manhole
Manhole
Other sewer system structure
Manhole
Other sewer system structure
Force main or pressure sewer

C.O in sidewalk

C.O in sidewalk.

C.O in sidewalk

A small landslide broke our sewer main

Overflowed through one pick hole in the M.H.
Sewer Cleanout in sidewalk.

private cleanout

Street/curb and gutter
Street/curb and gutter
Street/curb and gutter
Separate storm drain
Street/curb and gutter
Street/curb and gutter
Street/curb and gutter
Separate storm drain
Street/curb and gutter
Separate storm drain
Street/curb and gutter
Street/curb and gutter
Street/curb and gutter
Building or structure
Street/curb and gutter
Unpaved surface
Paved Surface
Street/curb and gutter
Street/curb and gutter
Storm drain
Storm drain
Other paved surface
Street/curb and gutter
Unpaved surface
Street/curb and gutter
Other paved surface
Street/curb and gutter
Separate storm drain;Street/curb and gutter
Other paved surface
Separate storm drain
Unpaved surface
Surface water;Unpaved surface
Beach;Surface water
Beach;Surface water
Unpaved surface
Unpaved surface
Building or structure
Surface water
Beach;Street/curb and gutter
Building or structure
Surface water
Unpaved surface;Other (specify below)
Unpaved surface
Other (specify below)
Building or structure;Unpaved surface
Other paved surface;Unpaved surface
Street/curb and gutter
Other paved surface
Unpaved surface
Unpaved surface
Unpaved surface
Storm drain
Other paved surface;Unpaved surface
Other paved surface
Other paved surface

Backed up into garage.

Overflowed contained to the back yard of 1315 Viste Grande and 25 Mullins Ct.

We believe that the spill didn't reach the ocean. Due to conditions we could not inspect at the time but later inspection tu

Flowed into downstream manhole

spill was returned to sewer system thru cleanout at spill location

5/29/2012 14:40	5/29/2012 15:00	5/29/2012 15:10	5/29/2012 15:10
7/6/2012 6:15	7/6/2012 6:20	7/6/2012 6:35	7/6/2012 6:40
7/9/2012 11:30	7/9/2012 11:30	7/9/2012 11:40	7/9/2012 11:55
8/1/2012 11:00	8/1/2012 11:10	8/1/2012 11:15	8/1/2012 15:00
9/11/2012 15:25	9/11/2012 15:30	9/11/2012 15:40	9/11/2012 15:40
9/2/2012 13:37	9/2/2012 13:37	9/2/2012 13:55	9/2/2012 14:30
11/8/2012 14:10	11/8/2012 14:10	11/8/2012 14:25	11/8/2012 15:00
12/2/2012 10:00	12/2/2012 10:00	12/2/2012 10:00	12/2/2012 11:00
12/29/2012 17:10	12/29/2012 17:10	12/29/2012 17:25	12/29/2012 17:25
1/28/2013 11:30	1/28/2013 11:30	1/28/2013 11:40	1/28/2013 12:50
4/2/2013 13:30	4/2/2013 13:30	4/2/2013 13:50	4/2/2013 13:50
5/18/2013 12:10	5/18/2013 12:10	5/18/2013 14:30	5/18/2013 14:30
5/19/2013 10:45	5/19/2013 10:45	5/19/2013 10:55	5/19/2013 10:55
6/14/2013 10:00	6/14/2013 10:00	6/14/2013 10:15	6/14/2013 10:15
8/19/2013 11:50	8/19/2013 11:50	8/19/2013 12:00	8/19/2013 12:00
11/26/2013 7:30	11/26/2013 7:30	11/26/2013 7:50	11/26/2013 8:00
10/17/2013 10:15	10/17/2013 10:15	10/17/2013 10:30	10/17/2013 10:30
4/19/2008 14:00	4/19/2008 14:00	4/19/2008 14:30	4/19/2008 14:45
6/11/2008 20:48	6/11/2008 20:48	6/11/2008 21:15	6/11/2008 21:30
8/8/2008 14:30	8/8/2008 14:40	8/8/2008 15:05	8/8/2008 15:45
8/23/2008 7:30	8/23/2008 8:30	8/23/2008 9:00	8/23/2008 9:45
6/2/2009 17:00	6/2/2009 17:15	6/2/2009 17:40	6/2/2009 18:05
6/14/2009 10:30	6/14/2009 10:45	6/14/2009 11:14	6/14/2009 11:50
8/14/2009 11:00	8/14/2009 11:15	8/14/2009 11:30	8/14/2009 11:30
6/30/2012 0:00	6/30/2012 0:00	6/30/2012 0:30	6/30/2012 0:45
6/21/2012 0:00	6/21/2012 7:59	6/21/2012 8:09	6/21/2012 8:34
7/10/2012 9:00	7/10/2012 9:07	7/10/2012 9:15	7/10/2012 9:26
11/5/2012 7:27	11/5/2012 7:45	11/5/2012 8:10	11/5/2012 9:04
3/26/2013 18:40	3/26/2013 18:45	3/26/2013 19:25	3/26/2013 19:45
3/13/2013 12:15	3/13/2013 13:11	3/13/2013 13:20	3/13/2013 13:30
11/12/2007 7:45	11/12/2007 7:45	11/12/2007 8:15	11/12/2007 8:20
1/4/2008 9:00	1/4/2008 9:00	1/4/2008 9:00	1/4/2008 13:00
1/25/2008 14:30	1/25/2008 14:30	1/25/2008 14:30	1/25/2008 14:35
1/25/2008 14:50	1/25/2008 14:50	1/25/2008 14:50	1/25/2008 17:16
1/4/2008 9:39	1/4/2008 9:41	1/4/2008 9:41	1/4/2008 9:41
1/4/2008 15:00	1/4/2008 15:00	1/4/2008 15:00	1/4/2008 15:05
1/4/2008 0:00	1/4/2008 0:00	1/4/2008 0:00	1/4/2008 0:00
2/17/2008 12:00	2/17/2008 13:00	2/17/2008 13:15	2/17/2008 14:00
2/23/2008 10:10	2/23/2008 10:10	2/23/2008 10:15	2/23/2008 15:15
1/25/2008 13:30	1/25/2008 13:30	1/25/2008 13:50	1/25/2008 13:50
4/28/2008 18:40	4/28/2008 18:40	4/28/2008 19:20	4/28/2008 19:40
5/5/2008 10:56	5/5/2008 10:56	5/5/2008 11:20	5/5/2008 12:05
1/19/2008 11:00	1/19/2008 11:00	1/19/2008 11:30	1/19/2008 11:40
9/28/2008 19:55	9/28/2008 19:55	9/28/2008 21:00	9/28/2008 21:00
10/5/2008 12:20	10/5/2008 12:20	10/5/2008 12:50	10/5/2008 13:10
10/7/2008 8:02	10/7/2008 8:02	10/7/2008 8:20	10/7/2008 8:40
1/10/2009 17:15	1/10/2009 17:15	1/10/2009 18:05	1/10/2009 18:15
2/18/2009 10:49	2/18/2009 9:49	2/18/2009 11:15	2/18/2009 11:20
2/23/2009 1:57	2/23/2009 1:57	2/23/2009 2:15	2/23/2009 2:30
2/27/2009 5:30	2/27/2009 5:30	2/27/2009 5:45	2/27/2009 6:15
2/28/2009 1:05	2/28/2009 1:05	2/28/2009 1:15	2/28/2009 2:00
2/28/2009 8:38	2/28/2009 9:35	2/28/2009 9:00	2/28/2009 9:35
3/28/2009 9:07	3/28/2009 9:07	3/28/2009 9:30	3/28/2009 9:40
4/3/2009 4:45	4/3/2009 4:45	4/3/2009 5:10	4/3/2009 6:00
4/23/2009 3:30	4/23/2009 3:30	4/23/2009 3:45	4/23/2009 3:50

Root intrusion
Debris-General
Root intrusion
Pipe structural problem/failure
Debris-General
Root intrusion
Root intrusion
Surcharged pipe (Combined CS Only)
Root intrusion
Pipe structural problem/failure
Root intrusion
Debris-General
Debris-General
Root intrusion
Debris-General
Root Intrusion
Root Intrusion
Grease deposition (FOG)
Grease deposition (FOG)
Grease deposition (FOG)
Grease deposition (FOG)
Grease deposition (FOG)
Grease deposition (FOG)
Pump station failure
Grease deposition (FOG)
Grease deposition (FOG)
Grease deposition (FOG)
Debris-General
Grease deposition (FOG)
Grease deposition (FOG)
Pipe structural problem/failure
Other (specify below)
Other (specify below)
Rainfall exceeded design
Pump station failure
Pump station failure
Pump station failure
Pump station failure
Pump station failure
Flow exceeded capacity
Root intrusion
Debris
Debris
Other (specify below)
Root intrusion
Debris
Root intrusion
Root intrusion
Pipe structural problem/failure
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Pipe structural problem/failure
Pipe structural problem/failure

A small landslide broke our sewer main

Power failure. Portable generator rental suffered a flat tire (spare didn't come with unit) and had to be repaired before mc
Lift Station Controller Failure during storm with power issues

grease and paper products

roots in main line caused blockage homeowner removed clean out cap causing sewage to seep out escaping to storm

Lower Lateral
Lower Lateral
Lower Lateral
Main
Lower Lateral
Lower Lateral
Lower Lateral
Main
Lower Lateral
Main
Lower Lateral
Lower Lateral
Lower Lateral
Lower Lateral
Lower Lateral
Lower Lateral
Manhole
Lower Lateral (Public)
Main
Main
Main

Main

Main
Main
Main
Main
Main
Main
Main

Other (specify below)

Other (specify below)

Main

Main
Main

Main
Main

Main
Main

A small landslide broke our sewer main

Lift Station Power Failure

lift station failure

4 VCP
4 VCP
4

4 VCP
4 VCP
4 VCP

6 VCP
4
4 VCP

No
No

6 VCP
4 VCP
6 VCP
6 VCP

8

10
8 Clay

6 vcp
6 VCP

50
70
60

70
70
60

60

50

35
30
30
50

Crew responded to sewer odor complaint. Upon arrival crew determined a sewer pipe was backed up and overflowing. (

Clean up is still continuing

We beleive the sewage didn't make it to the ocean but cannot demonstrate that so we are reporting a cat 1 SSO

Called out restoration company via CSRMA

12/2/2012 13:00

1/28/2013 17:00

1/4/2008 13:00

1/25/2008 14:35

1/25/2008 17:16

2/17/2008 20:00

4/28/2008 21:05

Plan rehabilitation or replacement of sewer

Plan rehabilitation or replacement of sewer

Other (specify below)

Other (specify below)

Other (specify below)

Other (specify below)

Adjusted schedule/method of preventive maintenance

A spare tire was purchased for the rental generator
Reset Station Controls
SAM is currently evaluating options to increase storm capacity

Still investigating

No

Yes

No

No

No

Yes

No

N/A

Yes

Yes

No
No
No

No

No

N/A

N/A

N/A
N/A

South of Montara State Beach approximatly 1/3 mile
Fitzgeralds Marine Reserve
Rocky shore adjacent to Pt Montara Lighthouse

Inaccable beach North of Pt Montara Lighthouse
Fitzgerald Marine Preserve (Southern End)

Pacific Ocean

N/A
N/A
N/A
N/A
N/A
N/A
N/A
Storm
N/A
N/A
N/A
N/A
N/A
N/A
N/A

N/A
N/A

Pacific Ocean
Pacific Ocean
Pacific Ocean

Montara Creek, Pacific Ocean
Pacific Ocean

Montara Creek

No water quality samples taken

Other (specify below)

No water quality samples taken

No water quality samples taken

No water quality samples taken

No water quality samples taken

No water quality samples taken

Enerolert Test, Total Chloroform, E. COLI

Area is at base of cliff on jagged rocks swept by surf. It was not accessible.

None of the above

County Health Agency

No water quality samples taken

No water quality samples taken

No water quality samples taken

No water quality samples taken

No water quality samples taken

127308	12/2/2012 12:00
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130595	1/28/2013 11:40
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80777	1/26/2008 13:50
80778	1/26/2008 13:50

81398	2/17/2008 18:25
81528	2/23/2008 11:30

83113	4/29/2008 10:09
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90293	1/14/2009 7:35
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Michael Killigrew
Michael Killigrew

6502592374
6502800914

2SSO10157	Active	746645 DavidPartida	Certified
2SSO10157	Active	746916 DavidPartida	Certified
2SSO10157	Active	750547 David Partida	Certified
2SSO10157	Active	751920 David Partida	Certified
2SSO10157	Active	752504 David Partida	Certified
2SSO10157	Active	752507 David partida	Certified
2SSO10157	Active	753427 nelson sandoval	Certified
2SSO10157	Active	753687 David Partida	Certified
2SSO10157	Active	758379 David Partida	Certified
2SSO10157	Active	759941 nelson sandoval	Certified
2SSO10157	Active	764426 David Partida	Certified
2SSO10157	Active	765329 nelson sandoval	Certified
2SSO10157	Active	768827 Pat McGowan	Certified
2SSO10157	Active	772467 nelson sandoval	Certified
2SSO10157	Active	775101 nelson	Certified
2SSO10157	Active	781477 David Partida	Certified
2SSO10157	Active	781676 David Partida	Certified
2SSO10157	Active	788653 David Partida	Certified
2SSO10157	Active	789127 nelson sandoval	Certified
2SSO10157	Active	792729 nelson sandoval	Certified
2SSO10158	Active	653744 Dale W. Riddle	Certified
2SSO10158	Active	657107 Dale W. Riddle	Certified
2SSO10158	Active	704819 Dale W. Riddle	Certified
2SSO10158	Active	705874 Dale W. Riddle	Certified
2SSO10158	Active	708571 Dale W. Riddle	Certified
2SSO10158	Active	708923 Dale W. Riddle	Certified
2SSO10158	Active	710446 Dale W. Riddle	Certified
2SSO10158	Active	710452 Michael Roderick	Certified
2SSO10158	Active	710777 Mike Roderick	Certified
2SSO10158	Active	711517 Dale W. Riddle	Certified
2SSO10158	Active	712335 Dale W. Riddle	Certified
2SSO10158	Active	712336 Dale W. Riddle	Certified
2SSO10158	Active	712978 Dale W. Riddle	Certified
2SSO10158	Active	713771 Dale W. Riddle	Certified
2SSO10158	Active	714762 Dale W. Riddle	Certified
2SSO10158	Active	714765 Dale W. Riddle	Certified
2SSO10158	Active	714768 Dale W. Riddle	Certified
2SSO10158	Active	715659 Dale W. Riddle	Certified
2SSO10158	Active	715660 Dale W. Riddle	Certified
2SSO10158	Active	715661 Dale W. Riddle	Certified
2SSO10158	Active	716100 Dale W. Riddle	Certified
2SSO10158	Active	722757 Dale W. Riddle	Certified
2SSO10158	Active	723342 Dale W. Riddle	Certified
2SSO10158	Active	724331 Dale W. Riddle	Certified
2SSO10158	Active	727054 Dale W. Riddle	Certified
2SSO10158	Active	730541 Dale W. Riddle	Certified
2SSO10158	Active	731030 Michael D Roe	Certified
2SSO10158	Active	731552 David Contreras	Certified
2SSO10158	Active	731878 Dale W. Riddle	Certified
2SSO10158	Active	732255 Michael Roe	Certified
2SSO10158	Active	732841 Michael Roe	Certified
2SSO10158	Active	736391 Michael D. Roe	Certified
2SSO10158	Active	738279 Dale W. Riddle	Certified
2SSO10158	Active	743866 Dale W. Riddle	Certified
2SSO10158	Active	746325 Dale W. Riddle	Certified

collection worker
collection worker
Collection Worker
Collection Worker
collection worker
Collection worker
collections
collection Worker
Collection Worker
collections
Collection worker
collection
Collections
collections
collections
Collection Worker
Collection Worker
Collection Worker
collections
collections
District Maintenance Coordinator
District Maintenance Coordinator
District Maintenance Cooridnator
Operations Manager
District Maintenance Coordinator
District Maintenance Coordinator
District Maintenance Coordinator
Senior Operator
Senior Operator
District Maintenance Coordinator
Operations Manager
Operations Manager
District Maintenance Coordinator
Operations Manager
Operations Manager
Operations Manager
Operations Manager
Operations Manager
Operations Manager
Operations Manager
District Maintenance Coordinator
District Maintenance Coordinator
operations Manager
Opeations Manager
District Maintenance Coordinator
Operations Manager
Assistant District Manager
District Manager
District Maitnenance Coordinator
Assistant Manager
Assistant District Manager
Assistant District Manager
Operations Manager
Operations Manager
Operations Manager

4:22pm	205081
4:20pm	832663
8:13am	348087
08:26am	651650
	9:20 754765
	7:08 127523
sam	338684
	16:16 967186
	9:23 188275
sam	459778
13:12 SAM	443442
sam	690928
S.A.M.	821517
sam	931619
sam @9:15am	555952
SAM 15:22	962123
SAM 13:46	732281
SAM 13:07	685603
sam @1:35pm	482626
sam @8:10 am	238650
Martinez CA	119900
Martinez CA	370004
Martinez CA	507602
Martinez CA	359133
Martinez CA	160459
Martinez CA	463791
Martinez,CA	623446
Martinez, Ca	718899
Martinez CA	628441
Martinez CA	973394
contra costa	278132
contra costa	445640
Martinez CA	459279
Martinez CA	159216
Martinez CA	948289
Martinez CA	796481
Martinez,CA	975202
Martinez CA	610248
Martinez, CA	316036
Martinez CA	730166
Martinez CA	913470
Martinez CA	741797
Martinez CA	964931
Martinez CA	927445
Martinez CA	812669
Martinez CA	292721
	11:55:00 740062
Martinez, CA	996058
Martinez CA	123237
	13:32 836998
	16:29 400195
Martinez, California	979830
Martinez CA	132824
Martinez CA	752701
Mt. View Sanitary District	540093

9-Nov-09		8-Dec-09	12/8/2009
23-Nov-09		8-Dec-09	12/8/2009
15-Mar-10		15-Mar-10	3/15/2010
23-Apr-10		23-Apr-10	4/23/2010
18-May-10	5/18/2010	18-May-10	5/18/2010
18-May-10	5/20/2010	20-May-10	5/20/2010
16-Jun-10	6/16/2010	16-Jun-10	6/16/2010
21-Jun-10	6/21/2010	21-Jun-10	6/21/2010
5-Nov-10	11/5/2010	5-Nov-10	11/5/2010
28-Dec-10	12/28/2010	28-Dec-10	12/28/2010
16-Mar-11	3/16/2011	16-Mar-11	3/16/2011
11-Apr-11	4/11/2011	11-Apr-11	4/11/2011
21-Jul-11	7/21/2011	21-Jul-11	7/21/2011
28-Oct-11	10/28/2011	28-Oct-11	10/28/2011
3-Jan-12	1/3/2012	3-Jan-12	1/3/2012
18-May-12	5/18/2012	18-May-12	5/18/2012
29-May-12	5/29/2012	5-Jul-12	7/5/2012
2-Dec-12	12/2/2012	2-Dec-12	12/2/2012
18-Dec-12	12/18/2012	18-Dec-12	2/6/2013
19-Mar-13	3/19/2013	19-Mar-13	3/19/2013
9-Jul-07		14-Dec-09	12/6/2010
11-Sep-07		11-Sep-07	12/6/2010
9-Oct-07		9-Oct-07	12/6/2010
20-Oct-07		23-Oct-07	10/23/2007
1-Dec-07		10-Dec-07	12/6/2010
10-Dec-07		10-Dec-07	12/6/2010
27-Dec-07		27-Dec-07	12/10/2010
27-Dec-07		27-Dec-07	12/27/2007
7-Jan-08		7-Jan-08	1/7/2008
22-Jan-08		22-Jan-08	12/6/2010
4-Feb-08		4-Feb-08	2/4/2008
4-Feb-08		4-Feb-08	2/4/2008
15-Feb-08		15-Feb-08	12/10/2010
23-Feb-08		25-Feb-08	2/25/2008
11-Mar-08		11-Mar-08	3/11/2008
11-Mar-08		11-Mar-08	3/11/2008
11-Mar-08		11-Mar-08	3/11/2008
1-Apr-08		1-Apr-08	4/1/2008
1-Apr-08		14-Dec-09	12/14/2009
1-Apr-08		1-Apr-08	4/1/2008
11-Apr-08		28-May-08	12/10/2010
17-Jul-08		17-Jul-08	12/10/2010
24-Jul-08		24-Jul-08	7/24/2008
7-Aug-08		7-Aug-08	8/7/2008
29-Sep-08		29-Sep-08	12/10/2010
15-Dec-08		15-Dec-08	12/15/2008
23-Dec-08		23-Dec-08	12/23/2008
7-Jan-09		7-Jan-09	1/7/2009
14-Jan-09		14-Jan-09	12/10/2010
22-Jan-09		22-Jan-09	1/22/2009
30-Jan-09		30-Jan-09	1/30/2009
15-Apr-09		15-Apr-09	4/15/2009
1-Jun-09		2-Jun-09	6/2/2009
27-Aug-09		10-Sep-09	9/10/2009
28-Oct-09		14-Dec-09	12/14/2009

Category 3	250	100
Category 3	50	50
Category 1	192	50
Category 1	4000	0
Category 3	25	0
Category 3	5	0
Category 3	1	0
Category 3	50	50
Category 3	100	5
Category 3	15	10
Category 3	10	0
Category 1	50	0
Category 3	10	0
Category 3	10	0
Category 3	75	75
Category 3	400	400
Category 1	1000	0
Category 3	50	50
Category 1	100	80
Category 3	750	0
Category 3	3	0
Category 3	25	0
Category 3	70	70
Category 2	8400	2000
Category 3	690	690
Category 3	2	0
Category 1	1350	450
Category 3	5	0
Category 3	645	0
Category 3	305	0
Category 3	5	
Category 3	2	0
Category 1	50	0
Category 1	1800	900
Category 3	50	50
Category 3	75	75
Category 3	15	15
Category 3	3	0
Category 3	3	0
Category 3	20	0
Category 1	100	0
Category 1	50	40
Category 3	50	50
Category 3	50	50
Category 1	420	0
Category 1	15000	12000
Category 3	300	300
Category 1	598000	155000
Category 1	450	300
Category 2	34000	34000
Category 3	961	961
Category 1	17955	3000
Category 1	425	0
Category 3	14	0
Category 1	1266	1053

0 No	No
0 No	No
142 Yes	No
4000 Yes	Yes
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
50 No	Yes
0 No	No
0 No	No
0 No	No
0 No	No
1000 Yes	No
0 No	No
20 Yes	Yes
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
900 Yes	Yes
0 No	Yes
No	No
0 No	No
No	No
No	No
1 Yes	Yes
900 Yes	Yes
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
50 Yes	Yes
10 Yes	Yes
0 No	Yes
0 No	No
420 Yes	Yes
3000 Yes	Yes
0 No	Yes
598000 Yes	Yes
150 Yes	Yes
0 No	Yes
0 No	Yes
10164 Yes	Yes
425 Yes	Yes
0 No	No
213 Yes	Yes

[illegible]

Edison st
edison
66 Madrone Ave
Intersection of 14th st and highway 1
7th street
7th street
La Grande Ave
Ocean ave
800 Edison st
222 11th street
387 Fourth st
140 beach way
821 Ocean blvd
11 st at main
edison st
Corner of Marine blvd and Park way
Nevada ave
391 6th st
El gran amigo resturant
8th farallone ave
4026 Pacheco Blvd
2311 Pomona Ave
Morello Ave& Petite Lane
740 Glen St
619 Palm Ave
Shell Ave and Pechaco Blvd
413 Eastgate Lane
Corner of Blum RD and Clipper Lane
911 Palm Ave
723 KELLY AVE
576 Palms Dr
4221 Valley Ave
1130 Plaza Dr
Pacheco Blvd
911 Merle Ave
911 Merle Ave
4033 Camino Vinedo
1220 Oak Crest Ct
1220 Oak Crest Ct
654 FigTree Lane
Manhole on Morello Avenue across from Loreto Court
217 Holiday Hills Dr
1031 Plaza Dr
1050 Oak St
888 Howe Rd
130 Figtree Lane
4285 Pacheco Blvd
East AT & SF RWY Morello
ORCHARD LANE @ SHELL AVE
Pacheco Blvd.
1000 Marie Ave
Behind 511 Westaire Blvd in railroad easement
2508 Pacheco Blvd
4001 Pacheco Blvd.
11 Gilrix Drive, Martinez, CA 94553

37.32635	-122.30179 San Mateo
37.26459	-122.30199 San Mateo
37.51467	-122.51102 San Mateo
37.53725	-122.51751 San Mateo
37.53934	-122.50911 San Mateo
37.53942	-122.50919 San Mateo
37.51645	-122.51184 San Mateo
37.30839	-122.30674 San Mateo
37.54339	-122.50255 San Mateo
37.5394	-122.51662 San Mateo
37.3257	-122.30672 San Mateo
37.51758	-122.5128 San Mateo
37.30974	-122.30712 San Mateo
37.53937	-122.5167 San Mateo
37.32636	-122.30182 San Mateo
37.31236	-122.30778 San Mateo
37.31594	-122.30906 San Mateo
37.32519	-122.30796 San Mateo
37.31597	-122.30785 San Mateo
37.34592	-122.34954 San Mateo
38.00753	-122.094194 Contra Costa
38.008193	-122.122653 Contra Costa
38.006846	-122.101799 Contra Costa
38.004	122.121 Contra Costa
38.001878	-122.116629 Contra Costa
38.012986	-122.11799 Contra Costa
37.993056	-122.096667 Contra Costa
38.004167	122.074444 Contra Costa
38.004339	122.074689 Contra Costa
38.00464	-122.118528 Contra Costa
38.0133	-122.0834 Contra Costa
38.0154	122.0871 Contra Costa
38.008844	-122.112703 Contra Costa
38.0123	-122.1077 Contra Costa
38.006	-122.116 Contra Costa
38.006	-122.116 Contra Costa
38.01	-122.093 Contra Costa
37.9848	-122.1062 Contra Costa
37.9848	-122.1062 Contra Costa
37.9946	-122.0965 Contra Costa
37.998	-122.101 Contra Costa
37.994	-122.092 Contra Costa
38.007	-122.112 Contra Costa
38.0084	-122.1173 Contra Costa
38.004	-122.11 Contra Costa
37.992	-122.095 Contra Costa
38.007123	-122.092363 Contra Costa
38.005161	-122.098561 Contra Costa
38.012	-122.117 Contra Costa
38.010072	122.100326 Contra Costa
38.00429176	122.1040718 Contra Costa
38.00285595	-122.1090977 Contra Costa
38.0126	-122.1175 Contra Costa
38.00852	-122.09533 Contra Costa
38.00743	-122.10203 Contra Costa

[illegible]

Manhole

West end of 14th st intersection with highway 1

Manhole in front of residence

5 gallons of sewage spilled onto paved area in and around the house garage and the other 5 gallons spilled inside house.

Manhole in front of restaurant

Location would be approx. 1.5 feet from grinder pump on discharge side.

sewage coming out of manhole in the middle of the street

Stoppage at main line was between Airport rd and Park way. But four manholes overflowed upstream on Park way.

While Cleaning M10009-M10008 we noticed no water coming back downstream so we went upstream and noticed that the

House clean out at 391 sixth st backed up because it is the lowest point in the area. recovered all of spill.

clean out at el gran amigo overflowed into a ditch that was being worked on at the time.

spill contained in lower basement area

in front of listed address in street

water around manhole in street.

private property vacant lot located at 740 Glen st

Spill contained to inside resident and basement area

MH P08009 corner of Shell and Pacheco

Manhole @ Blum Rd and Clipper Lane overflowed

Corner of Palm ave and Merle Ave

OVERFLOWED FROM CLEANOUT\OVERFLOW DEVICE LOCATED IN SIDE YARD, SPILL CONTAINED TO SIDE\BA

backup contained to shower pan in bathroom

overflow at cleanout-

1130 and 1121 Plaza Dr

Mh# H01005 located on Pacheco Blvd

at clean out located in driveway and garage area

911 Merle Ave, from cleanout located in driveway

rodding inlet located on Camino Vinedo

manhole located in backyard easment

manhole located in backyard easment

manhole located in packing space

Manhole #E04008 and northwest direction of Morello Avenue

RI #E08017 located behind above address

mh#P05008 located in front of 1031 Plaza Dr

backup contained in bath tub, toilet and basement area

manhole# P06007 located in front of 888 Howe Rd

overflow from manhole located in apartment complex located at 130 Figtree Lane

Near the corner of Arthur and Pacheco in front of the Shell Station on Pacheco

Mt. View Sanitary District pump station number 4

INTERSECTION OF ORCHARD LANE AND SHELL AVE-

Manhole H04040, located at Marie Ave and Dardanelle Ct.

Contra Costa Water District (CCWD) crew cracked our mainline during their repair work and caused the spill. The spill di

Blockage was caused from root intrusio

here was a leak in the main which runs

CKYARD

d not reach any surface water or storm c

Other sewer system structure
Manhole
Manhole
Manhole
Other (specify)
Other (specify)
Force main or pressure sewer;Manhole
Other sewer system structure
Gravity sewer;Manhole
Manhole
Other sewer system structure
Force main or pressure sewer
Other sewer system structure
Manhole
Other (specify)
Manhole
Building or structure;Gravity sewer
Gravity sewer
Building or structure
Manhole
Building or structure
Other sewer system structure
Manhole
Manhole
Building or structure
Manhole
Other sewer system structure
Manhole
Other (specify)
Other (specify)
Building or structure
Other (specify)
Other (specify)
Manhole
Other (specify)
Other (specify)
Other sewer system structure
Manhole
Manhole
Manhole
Manhole
Other (specify)
Manhole
Building or structure
Manhole
Manhole
Manhole
Pump station
Manhole
Other (specify)
Manhole
Manhole
Gravity sewer
Gravity sewer
Manhole

Property line clean out near the street. At some point Mushroom valve got clogged with debris and went into the house

Property line clean out
Spill from property line clean out
Seeping out of Pavement from buried manhole
Residential grinder pump

House clean out. (Lowest point in the street)

the spill came out of the clean out on the side of the house due to blockage in the main line
Four manholes overflowed, MH16010, MH16008, MH16005, ,MH16004. Stoppage between m16004-m14034
Main line at drainage ditch. Andreinni Bros were called out for repair of pipe. Repair done same day.
Main line blockage caused sewer to back up at lowest point which was the clean out at 391 6th st
upon returning on wednesday 2 days later to talk to restaurant owner we looked at the spill area and saw signs of grease

rodding inlet (RI)

overflow from master bath and second bathroom

Cleanout @ 911 Palm Ave
BUILDING CLEANOUT\OVERFLOW DEVICE

building cleanout\overflow device
Cleanouts @ both 1130 and 1121 Plaza Dr

cleanout located in driveway
building cleanout\overflow device
Rodding inlet

rodding inlet

MH # E07068

Storm drain

Building or structure;Unpaved surface;Other (specify below)
Unpaved surface
Beach;Other paved surface;Surface water
Storm drain;Surface water
Unpaved surface
Unpaved surface
Other paved surface
Other paved surface;Unpaved surface
Unpaved surface
Other paved surface;Unpaved surface
Other paved surface;Unpaved surface
Unpaved surface
Other paved surface
Other paved surface
Unpaved surface
Street/curb and gutter
Surface water;Unpaved surface;Other (specify below)
Unpaved surface
Other paved surface;Separate storm drain;Street/curb and gutter
Unpaved surface
Building or structure
Other paved surface
Street/curb and gutter
Unpaved surface;Other (specify below)
Building or structure
Street/curb and gutter
Separate storm drain
Storm drain;Street/curb and gutter
Unpaved surface
Other (specify below)
Building or structure
Other (specify below)
Unpaved surface;Other (specify below)
Street/curb and gutter;Surface water
Other (specify below)
Other (specify below)
Other paved surface
Unpaved surface
Unpaved surface
Street/curb and gutter
Separate storm drain;Street/curb and gutter
Other (specify below)
Other (specify below)
Building or structure
Separate storm drain
Storm drain;Street/curb and gutter;Other (specify below)
Storm drain
Other (specify below)
Separate storm drain;Street/curb and gutter
Storm drain
Storm drain
Storm drain;Surface water;Unpaved surface
Other (specify below)
Street/curb and gutter
Storm drain;Surface water;Unpaved surface

Inside the house through the bathroom onto the floor

Ocean

Spill dried on pavement

Inside house bathroom floor (carpet, Wood). House did not have back flow prevention device.
spill went into storm drain that runs out into dirt area never made it to ocean also noted the pavement or sidewalk is mo
Portion of spill had soaked into the ground, some had work it way to the surface where ther was eveidence of spill on the

Pavement around manhole, wash and vacuum area
The spill made it to the creek/drainage ditch below.
Ground (dirt)

contained to street surface

vacant lot and gravel area, private property

unpaved driveway / side yard
SIDE YARD AND BACKYARD

lawn area around cleanout/overflow device
Unpaved driveway / lawn area / storm drain

contained to driveway and garage areas
driveway and garage area

50 gallons entered v-ditch and about 10 gallons enter storm drain
enter ed opened storm drain system and piped to field area
contained to bathtub, toilet and basement area

strom drain becomes open creek near park and drainage channel

Pond at eastern end of Vine Hill Creek, east of Interstate 680

Peyton Slough

11/8/2009 14:45	11/8/2009 14:45	11/8/2009 15:15	11/8/2009 15:22
11/10/2009 8:11	11/10/2009 8:11	11/10/2009 8:30	11/10/2009 8:35
3/13/2010 16:34	3/13/2010 16:34	3/13/2010 17:30	3/13/2010 17:38
4/22/2010 10:20	4/22/2010 10:20	4/22/2010 10:50	4/22/2010 11:20
5/13/2010 9:54	5/13/2010 9:54	5/14/2010 13:00	5/14/2010 13:00
2/10/2010 14:45	2/10/2010 14:45	2/10/2010 15:00	2/10/2010 15:00
6/14/2010 13:37	6/14/2010 13:41	6/14/2010 14:15	6/14/2010 14:15
6/21/2010 8:20	6/21/2010 8:20	6/21/2010 8:45	6/21/2010 8:50
11/4/2010 18:09	11/4/2010 18:09	11/4/2010 18:50	11/4/2010 19:00
12/27/2010 15:30	12/27/2010 15:30	12/27/2010 15:45	12/27/2010 16:00
3/15/2011 12:27	3/15/2011 12:27	3/15/2011 12:45	3/15/2011 12:55
4/9/2011 13:16	4/9/2011 13:16	4/9/2011 14:00	4/9/2011 14:31
7/21/2011 9:29	7/21/2011 9:29	7/21/2011 10:06	7/21/2011 10:06
10/27/2011 11:28	10/27/2011 11:28	10/27/2011 11:45	10/27/2011 11:50
1/2/2012 11:20	1/2/2012 11:20	1/2/2012 12:15	1/2/2012 14:20
5/18/2012 11:14	5/18/2012 11:14	5/18/2012 11:20	5/18/2012 12:40
5/29/2012 10:40	5/29/2012 10:40	5/29/2012 10:40	5/29/2012 14:40
12/1/2012 13:48	12/1/2012 13:48	12/1/2012 14:20	12/1/2012 13:48
12/17/2012 17:40	12/17/2012 17:40	12/17/2012 18:20	12/17/2012 18:35
3/17/2013 8:55	3/17/2013 9:00	3/17/2013 9:25	3/17/2013 9:30
6/5/2007 12:15	6/5/2007 12:15	6/5/2007 12:25	6/5/2007 12:30
8/24/2007 8:20	8/24/2007 8:20	8/24/2007 8:30	8/24/2007 9:00
9/5/2007 7:38	9/5/2007 7:38	9/5/2007 7:55	9/5/2007 8:00
10/18/2007 19:30	10/20/2007 19:30	10/20/2007 20:00	10/20/2007 20:30
12/1/2007 15:00	12/1/2007 15:30	12/1/2007 16:15	12/1/2007 16:00
11/12/2007 17:50	11/12/2007 17:50	11/12/2007 18:00	11/12/2007 18:00
12/26/2007 9:30	12/26/2007 10:00	12/26/2007 10:15	12/26/2007 11:00
12/26/2007 11:40	12/26/2007 11:40	12/26/2007 12:15	12/26/2007 13:00
1/4/2008 10:55	1/4/2008 10:55	1/4/2008 11:15	1/4/2008 14:30
12/5/2007 14:00	12/5/2007 14:30	12/5/2007 14:45	12/5/2007 13:00
1/15/2008 10:21	1/15/2008 10:21	1/15/2008 10:30	1/15/2008 10:21
1/2/2008 21:00	1/2/2008 21:00	1/2/2008 21:30	1/2/2008 21:45
2/14/2008 16:37	2/14/2008 16:37	2/14/2008 16:45	2/14/2008 17:15
2/23/2008 8:00	2/23/2008 10:03	2/23/2008 10:30	2/23/2008 12:50
2/18/2008 11:00	2/18/2008 11:00	2/18/2008 11:20	2/18/2008 11:30
2/19/2008 21:30	2/19/2008 21:30	2/19/2008 22:00	2/20/2008 1:00
2/20/2008 18:05	2/20/2008 18:05	2/20/2008 18:15	2/20/2008 20:15
3/1/2008 10:30	3/1/2008 10:30	3/1/2008 11:00	3/1/2008 11:30
3/1/2008 10:30	3/1/2008 10:30	3/1/2008 11:00	3/1/2008 11:30
3/4/2008 11:32	3/4/2008 11:32	3/4/2008 12:00	3/4/2008 12:15
4/11/2008 7:30	4/11/2008 7:32	4/11/2008 7:45	4/11/2008 8:10
7/16/2008 11:55	7/16/2008 11:55	7/16/2008 12:05	7/16/2008 12:05
7/24/2008 7:20	7/24/2008 7:39	7/24/2008 7:55	7/24/2008 8:00
8/5/2008 7:30	8/5/2008 7:34	8/5/2008 7:45	8/5/2008 7:30
9/27/2008 10:30	9/27/2008 10:40	9/27/2008 11:05	9/27/2008 11:30
12/8/2008 6:00	12/10/2008 12:00	12/10/2008 12:10	12/10/2008 14:00
12/19/2008 9:11	12/19/2008 9:45	12/19/2008 9:50	12/19/2008 10:11
1/4/2009 7:00	1/5/2009 10:10	1/5/2009 10:10	1/5/2009 10:15
1/10/2009 12:15	1/10/2009 12:30	1/10/2009 12:45	1/10/2009 13:00
1/18/2009 7:00	1/19/2009 13:15	1/19/2009 13:15	1/21/2009 15:00
1/28/2009 11:00	1/28/2009 14:00	1/28/2009 14:05	1/28/2009 14:21
4/12/2009 12:00	4/13/2009 10:35	4/13/2009 10:25	4/13/2009 12:26
5/29/2009 15:56	5/29/2009 15:56	5/29/2009 16:05	5/29/2009 17:20
8/25/2009 15:00	8/25/2009 15:20	8/25/2009 15:20	8/25/2009 15:57
10/27/2009 20:00	10/27/2009 22:00	10/27/2009 22:00	10/27/2009 23:15

Root intrusion
Root intrusion
Pump station failure
Debri-Rags
Pipe structural problem/failure
Pipe structural problem/failure
Pipe structural problem/failure
Pump station failure
Root intrusion
Root intrusion
Root intrusion
Pipe structural problem/failure
Pipe structural problem/failure
Root intrusion
Debri-Rags
Other (specify below)
Pipe structural problem/failure
Root intrusion
Grease deposition (FOG)
Debri-Rags
Other (specify below)
Root intrusion
Other (specify below)
Other (specify below)
Other (specify below)
Other (specify below)
Other (specify below)
Grease deposition (FOG)
Rainfall exceeded design
Grease deposition (FOG)
Other (specify below)
Other (specify below)
Other (specify below)
Pipe structural problem/failure
Debris
Other (specify below)
Other (specify below)
Other (specify below)
Other (specify below)
Other (specify below)
Grease deposition (FOG)
Other (specify below)
Other (specify below)
Other (specify below)
Other (specify below)
Grease deposition (FOG)
Grease deposition (FOG)
Pump station failure
Grease deposition (FOG)
Pipe structural problem/failure
Other (specify below)
Root intrusion
Other (specify below)
Other (specify below)
Other (specify below)

Some grease and rags were found along with the root intrusion.

Combination of grease and rags

Lateral broken off main line due to main line movement.

Lateral broke off Main line due to Main line movement

Grinder pump force lateral broken

House grinder pump broke, which resulted in sewer back up out pump box.

Roots in pipe from faulty joints and broken piece of pipe

pipe came out of slip joint causing spill

zero recovery due to it drying up on the pavement

investigation will continue to determine what caused blockage.

Blockage in main line broke on its own before we arrived. Found heavy roots in the main while we were flushing.

no recovery due to it spilling on ground and drying up

unknown blockage

unknown blockage in line, surcharged manhole

unknown blockage in mainline

at this time it appears that roots may have been a contributing factor

unknown blockage

unknown blockage

Grease and Grit

the spill occurred due to infiltration and inflow (I&I) from the heavy rains that we experienced in a few hours. once the rain :

during regular line maintenance, home experienced back pressure into shower

unknown blockage in mainline

unknown blockage

partial blockage in mainline thought to be debris

found to be a partial blockage due to a sewer balloon lodged in the mainline. unknown where this originated from. this was

undetermined partial blockage

unknown blockage

unknown blockage

foreign object found in pipe leading into the manhole causing partial blockage

unknown blockage

unknown blockage

backup caused by blockage in mainline

unknown blockage

Pipe structural failure caused by the failure of underlying storm drain

The spill was due to blockage caused by tree roots. The District understands that a private contractor recently conducted

During construction by PG&E to uncover broken water main the gravity sewer was struck by the backhoe operator.

Contra Costa Water District (CCWD) cracked our mainline during their repair work and caused the spill.

Grease and roots

Main
Main
Main

Main

Main
Main
Main
Main
Lower Lateral
Main
Main
Main
Main
Main
Main
Main
Main
Main
Main

Main
Main
Main

subsided the system was able to handle the I&I.
Main

Main

as the cause of the previous days blockage als

Main
Main

Main
Main
Main
Main

Main
Main

Main
Main

Main line pipe joints

slip joint came off pipe

Failure occurred approx. 1.5 feet from the grinder pump due to ground movement. There was a slight separation in the di

Heavy roots in main

,

12 vcp

1 pvc

scharge line causing the spil

PVC

6 vcp
6 VCP
8 vcp

6 clay

6 clay

6 VC

40
30

50

ED 006495 00001076-03264

Private Restoration company responded to spill response clean up.

excavated out area wher spill appeared to be comming from. Replaced section of line to correct problem

n/a

small amount of water in basement area, owner declined cleanup services
not enough to recover allowed to dry, picked up small amount of debris. return later and washed area with small amount of water

initial cleanup and ongoing remediation is in progress

Called contractor to clean landscaped area

2 gallons soaked into ground before recover was made- cleaned up small amount of debris at overflow site

Cleaned sewer mainline from manhole #E04009 to manhole #E04008

cleaned and flushed road surface in affected area

Canal service road served as a flow barrier to contain the spill. Flushed with 56,000 gallons of advanced secondary UV-c

Video inspection to be completed in near future

emergency repairs were made to restore integrity of pipe

3/13/2010 19:03
4/23/2010 0:01

4/9/2011 14:31

5/29/2012 14:40
12/17/2012 18:35

10/23/2007 15:00

12/26/2007 13:30
12/26/2007 14:00

2/15/2008 0:00
2/23/2008 15:00

4/11/2008 9:25
7/16/2008 2:00

9/27/2008 12:15
12/12/2008 11:00

1/7/2009 16:00
1/10/2009 13:30
1/22/2009 14:00

4/24/2009 16:30
5/29/2009 18:00

11/6/2009 12:00

Other (specify below)

Plan rehabilitation or replacement of sewer

Repaired sewer

Plan rehabilitation or replacement of sewer;Repaired sewer

Added sewer to preventive maintenance program

Adjusted schedule/method of preventive maintenance

Other (specify below)

Other (specify below)

Adjusted schedule/method of preventive maintenance

Other (specify below)

Other (specify below)

Adjusted schedule/method of preventive maintenance

Adjusted schedule/method of preventive maintenance

Adjusted schedule/method of preventive maintenance;Other (specify below)

Other (specify below)

Adjusted schedule/method of preventive maintenance

Repaired sewer;Other (specify below)

Other (specify below)

Repaired sewer

Other (specify below)

Repaired lift station failure

Line is on our Root foaming treatment program
operators believe recent road (Chip seal) may have caused the problem

still under investigation and will report at a later date

Evaluate for possible addition to preventive maintenance program.

CCTV line to determine condition

Replaced failed pump control device. Modifications to the pump control system that will provide additional control redundancy

Informed Contra Costa County of the deteriorating, failed storm drain

Added to root control program

Reviewing SSO pattern in the area and investigating preventative maintenance schedule

Yes
No

No

Yes
No

No

Yes
Yes

Yes
No

Yes
No

No
Yes

Yes
No
No

Yes
No

No

no receiving

n/a

no visible affect to the surrounding area

no impacts

No visual impact.

no impact water evaporated in Catch basin

NO RECEIVING WATERS IMPACTED

no impacts

no impacts

NA

none affected

none impacted

none impacted

none

none

no impacts

no impacts

no receiving waters impacted

No visual evidence

Discoloration and fish mortality. No floatable or settable debris. No foul odor.

Did not reach receiving water

no visible impacts noted, spilled entered storm drain system with no public contact.

No
No

No

No

No

Yes

Yes
No

Yes
Yes

Yes
Yes

Yes
Yes

Yes
No
Yes

Yes
Yes

Yes

NA
NA

n/a
no impacted beaches

n/a

NA
NA

NA
NA

NA
NA

NA
NA

NA
NA

NA
NA
NA

NA
N/A

NA

Pacific Ocean
Storm drain that leads to pacific Ocean

None

n/a
no impacted surface waters

Drainage ditch that leads to Pacific ocean
pacific ocean

NA
NA

unknow destination
NA

unknown destination
creek located near Howe Rd \ Peyton Slough

unknown destination
unknown destination

unknown destination
Vinehill Creek

Vine Hill Creek and downstream marsh pond at eastern end of Vine Hill Creek, east of Interstate 680
Unknown Destination
NA

Peyton Creek Peyton Slough
Peyton Slough

Peyton Creek

No water quality samples taken
Not applicable to this spill

Not applicable to this spill

Other (specify below)

No water quality samples taken

Not applicable to this spill

Other (specify below)

No water quality samples taken

No water quality samples taken
Other (specify below)

No water quality samples taken
Not applicable to this spill

No water quality samples taken
Dissolved oxygen;Other chemical indicator(s) - specify below;Biological indicator(s) - specify below

Dissolved oxygen;Other chemical indicator(s) - specify below;Biological indicator(s) - specify below;Other (specify below)
Not applicable to this spill
Biological indicator(s) - specify below

Dissolved oxygen;Other chemical indicator(s) - specify below;Biological indicator(s) - specify below
No water quality samples taken

Dissolved oxygen;Other chemical indicator(s) - specify below;Biological indicator(s) - specify below

Enterolert, Colilert

n/a

No downstream Waters found

coliform, ammonia and DO

Ammonia, Total Coliform

Ammonia, total coliform, pH, conductivity, temperature

Coliform

Ammonia Conductivity pH Total coliform temperature

pH, ammonia, coliform

None of the above
Not applicable to this spill

None of the above

County Health Agency

None of the above

Not applicable to this spill

County Health Agency;Regional Water Quality Control Board
County Health Agency

None of the above
None of the above

No water quality samples taken
None of the above

No water quality samples taken
None of the above

None of the above
Not applicable to this spill
None of the above

None of the above
No water quality samples taken

None of the above

will be report at a later date sample taken 2/23/2008

101769	3/13/2010 18:49
102541	4/23/2010 0:20

112268	4/9/2011 16:37
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123151	5/29/2012 11:45
127753	12/19/2012 15:20

76422	10/20/2007 23:15
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77930	12/26/2007 15:15
77941	12/27/2007 10:40

81350	2/14/2008 19:48
81526	2/23/2008 10:22
81408	2/18/2008 16:15

82718	4/11/2008 8:50
85214	7/16/2008 12:55
85393	7/24/2008 8:29

87011	9/27/2008 12:20
8881	12/10/2008 13:41
89018	12/19/2008 10:52
90069	1/5/2009 11:54
90208	1/10/2009 13:57
90437	1/19/2009 15:44
90843	1/28/2009 15:08
92952	4/13/2009 12:05
94016	5/29/2009 17:44
95897	8/25/2009 16:52
97254	10/27/2009 23:33

2SSO10158	Active	746985 Dale W. Riddle	Certified
2SSO10158	Active	747453 Dale W. Riddle	Certified
2SSO10158	Active	748236 Dale W. Riddle	Certified
2SSO10158	Active	749185 Dale W. Riddle	Certified
2SSO10158	Active	751058 Dale W. Riddle	Certified
2SSO10158	Active	751075 Mike Roderick	Certified
2SSO10158	Active	754718 Dale W. Riddle	Certified
2SSO10158	Active	756645 Dale W. Riddle	Certified
2SSO10158	Active	757663 Dale W. Riddle	Certified
2SSO10158	Active	763352 Dale W. Riddle	Certified
2SSO10158	Active	763678 Dale W. Riddle	Certified
2SSO10158	Active	763680 Dale W. Riddle	Certified
2SSO10158	Active	765336 Dale W. Riddle	Certified
2SSO10158	Active	770074 Michael Roderick	Certified
2SSO10158	Active	772701 Dale W. Riddle	Certified
2SSO10158	Active	772702 Dale W. Riddle	Certified
2SSO10158	Active	772711 Dale W. Riddle	Certified
2SSO10158	Active	773547 Dale W. Riddle	Certified
2SSO10158	Active	773549 Dale W. Riddle	Certified
2SSO10158	Active	774244 Dale W. Riddle	Certified
2SSO10158	Active	777388 Dale W. Riddle	Certified
2SSO10158	Active	778572 Dale W. Riddle	Certified
2SSO10158	Active	788235 Dale W. Riddle	Certified
2SSO10158	Active	788347 Dale W. Riddle	Certified
2SSO10158	Active	788779 Michael Roe	Certified
2SSO10158	Active	788804 Dale W. Riddle	Certified
2SSO10158	Active	788806 Dale W. Riddle	Certified
2SSO10158	Active	792045 Dale W. Riddle	Certified
2SSO10158	Active	792909 Dale W. Riddle	Certified
2SSO10158	Active	792911 Dale W. Riddle	Certified
2SSO10158	Active	796381 Dale W. Riddle	Certified
2SSO10158	Active	796668 Dale W. Riddle	Certified
2SSO10158	Active	799272 Michael Roe	Certified
2SSO10159	Active	706881 Greg Dawson	Certified
2SSO10159	Active	708247 Greg Dawson	Certified
2SSO10159	Active	709026 Greg Dawson	Certified
2SSO10159	Active	710205 Greg Dawson	Certified
2SSO10159	Active	710270 Greg Dawson	Certified
2SSO10159	Active	710560 Greg Dawson	Certified
2SSO10159	Active	710749 Greg Dawson	Certified
2SSO10159	Active	710821 Greg Dawson	Certified
2SSO10159	Active	710830 Greg Dawson	Certified
2SSO10159	Active	712079 Greg Dawson	Certified
2SSO10159	Active	712733 Greg Dawson	Certified
2SSO10159	Active	716182 Greg Dawson	Certified
2SSO10159	Active	731258 Greg Dawson	Certified
2SSO10159	Active	733854 Greg Dawson	Certified
2SSO10159	Active	735665 Greg Dawson	Certified
2SSO10159	Active	735666 Greg Dawson	Certified
2SSO10159	Active	735858 Greg Dawson	Certified
2SSO10159	Active	736460 Greg Dawson	Certified
2SSO10159	Active	743367 Greg Dawson	Certified
2SSO10159	Active	745659 Greg Dawson	Certified
2SSO10159	Active	746999 Greg Dawson	Certified
2SSO10159	Active	749566 Greg Dawson	Certified

Operations Manager
Operations Manager
Operations Manager
Operations Manager
Operations Manager
Senior Operator
Operations Manager
Maintenance\SSMP Coordinator
SSMP/Maintenance Coordinator
Maintenance Coordnator
Maintenance Coordinator
Maintenance Coordnator
SSMP\Maintenance Coordinator
Wastewater Operations Supervisor
SSMP/Maintenance Coordinator
SSMP/Maintenance Coordinator
Maintenance Coordinator
SSMP/Maintenance Coordinator
SSMP/Maintenance Coordinator
Maintenance Coordinator
Maintenance Coordinator
Maintenance Coordinator
Maintenance Coordinator
Maintenance Coordinator
District Manager
Maintenance Coordinator
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District Manager
Collection System Supervisor
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Martinez CA	758755
Martinez Ca	330127
Martinez CA	591239
Martinez CA	736894
Martinez CA	314138
Martinez Ca	212207
Martinez CA	415512
Martinez CA	741871
Martinez CA	808842
Martinez CA	739180
Martinez CA	704917
Martinez CA	393517
Martinez CA	208045
Mt. View Sanitary District, Martinez,Ca	429992
Martinez CA	922160
Martinez CA	163385
Martinez CA	564438
Martinez CA	147226
Martinez CA	854323
Martinez CA	647797
Martinez CA	386375
Martinez CA	838296
Martinez CA	615444
Martinez CA	543158
Martinez, CA	967228
Martinez CA	435345
Martinez CA	329266
Martinez CA	264650
Martinez CA	191665
Martinez CA	933267
Martinez	484463
Martinez CA	857210
Martinez, Ca	789022
935 Hartle Ct Napa, CA	110013
Napa Sanitation Office	698794
935 Hartle Ct, Napa, CA	117136
935 Hartle Ct, Napa	661639
935 Hartle Ct. Napa, CA 94559	833705
935 Hartle Ct, Napa, CA 94559	523815
935 Hartle Ct, Napa, CA	733869
935 Hartle Ct. Napa, CA	572104
935 Hartle Ct. Napa, CA	605317
935 Hartle Ct, Napa, CA 94559	659922
935 Hartle Ct	575162
935 Hartle Ct, Napa, CA 94559	616664
935 Hartle Ct, Napa Ca	646612
Napa Sanitation District 935 Hartle Ct	485130
935 Hartle Ct, Napa	400502
935 Hartle Ct, Napa	529548
935 Hartle Ct, Napa	751790
935 Hartle Ct, Napa	745104
935 Hartle Ct, Napa, CA	666368
935 Hartle Ct Napa CA	842469
935 Hartle Ct, Napa, CA 94559	458942
935 Hartle Ct, Napa, CA 94559	819467

23-Nov-09		11-Dec-09	12/11/2009
11-Dec-09		11-Dec-09	12/11/2009
8-Jan-10		8-Jan-10	1/8/2010
8-Feb-10		8-Feb-10	2/8/2010
29-Mar-10		29-Mar-10	3/29/2010
29-Mar-10		29-Mar-10	3/29/2010
12-Jul-10	7/12/2010	12-Jul-10	7/12/2010
7-Sep-10	9/7/2010	7-Sep-10	9/7/2010
13-Oct-10	10/13/2010	13-Oct-10	10/13/2010
22-Feb-11	2/22/2011	22-Feb-11	2/22/2011
24-Feb-11	2/24/2011	24-Feb-11	2/24/2011
24-Feb-11	2/24/2011	24-Feb-11	2/24/2011
11-Apr-11	4/11/2011	11-Apr-11	4/11/2011
22-Aug-11	8/22/2011	22-Aug-11	8/22/2011
3-Nov-11	11/3/2011	3-Nov-11	11/3/2011
3-Nov-11	11/3/2011	3-Nov-11	11/3/2011
3-Nov-11	11/3/2011	3-Nov-11	1/10/2012
29-Nov-11	11/29/2011	29-Nov-11	11/29/2011
29-Nov-11	11/29/2011	29-Nov-11	11/29/2011
16-Dec-11	12/16/2011	19-Dec-11	12/19/2011
13-Feb-12	2/13/2012	13-Feb-12	2/13/2012
12-Mar-12	3/12/2012	12-Mar-12	3/12/2012
19-Nov-12	11/19/2012	19-Nov-12	11/19/2012
26-Nov-12	11/26/2012	26-Nov-12	11/26/2012
5-Dec-12	12/5/2012	5-Dec-12	12/11/2012
5-Dec-12	12/5/2012	5-Dec-12	12/5/2012
5-Dec-12	12/5/2012	5-Dec-12	12/5/2012
25-Feb-13	2/25/2013	25-Feb-13	2/25/2013
26-Mar-13	3/26/2013	26-Mar-13	3/26/2013
26-Mar-13	3/26/2013	26-Mar-13	3/26/2013
2-Jul-13	7/2/2013	2-Jul-13	7/2/2013
10-Jul-13	7/10/2013	10-Jul-13	7/10/2013
30-Sep-13	9/30/2013	11-Oct-13	10/11/2013
30-Oct-07		30-Oct-07	10/30/2007
27-Nov-07		3-Dec-07	12/3/2007
12-Dec-07		12-Dec-07	12/12/2007
21-Dec-07		21-Dec-07	12/21/2007
26-Dec-07		26-Dec-07	12/26/2007
31-Dec-07		31-Dec-07	12/31/2007
7-Jan-08		15-Jan-08	1/15/2008
7-Jan-08		15-Jan-08	1/15/2008
7-Jan-08		15-Jan-08	1/15/2008
30-Jan-08		30-Jan-08	1/30/2008
12-Feb-08		12-Feb-08	2/12/2008
15-Apr-08		15-Apr-08	4/15/2008
31-Dec-08		31-Dec-08	12/31/2008
18-Feb-09		18-Feb-09	2/18/2009
30-Mar-09		30-Mar-09	3/30/2009
30-Mar-09		30-Mar-09	3/30/2009
2-Apr-09		2-Apr-09	4/2/2009
17-Apr-09		17-Apr-09	4/17/2009
19-Aug-09		19-Aug-09	8/19/2009
15-Oct-09		5-Nov-09	11/5/2009
23-Nov-09		23-Nov-09	11/23/2009
22-Feb-10		22-Feb-10	2/22/2010

Category 3		173	173
Category 3		750	0
Category 3		20	20
Category 3		100	100
Category 3		70	70
Category 3		20	20
Category 3		930	930
Category 3		50	0
Category 3		10	10
Category 1		200	0
Category 3		268	268
Category 3		127	127
Category 3		250	250
Category 3		500	390
Category 1		68	68
Category 1		1578	1578
Category 3		20	20
Category 3		100	100
Category 3		25	25
Category 3		405	405
Category 3		40	0
Category 3		20	20
Category 3		5	0
Category 3		10	10
Category 1		38000	0
Category 3		100	50
Category 3		50	0
Category 2		2962	2962
Category 3		40	0
Category 1		8781	8781
Category 3		50	0
Category 3		4	0
Category 2	1092	1092	0
Category 2		3000	3000
Category 3		300	300
Category 3		90	90
Category 3		100	100
Category 3		160	160
Category 3		25	25
Category 1		15000	0
Category 1		1200	0
Category 1		12000	0
Category 3		20	20
Category 3		50	50
Category 3		25	20
Category 3		750	750
Category 1		600	0
Category 3		650	650
Category 3		15	15
Category 2		1200	1200
Category 3		25	25
Category 3		250	250
Category 3		35	35
Category 3		250	250
Category 3		65	65

0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	Yes
0 No	No
0 No	No
50 Yes	Yes
0 No	Yes
0 No	Yes
0 No	No
0 No	Yes
68 Yes	Yes
1578 Yes	Yes
0 No	Yes
0 No	Yes
0 No	Yes
0 No	Yes
0 No	No
0 No	No
0 No	No
0 No	Yes
38000 Yes	Yes
0 No	No
0 No	No
0 No	Yes
0 No	No
8781 Yes	Yes
0 No	No
0 No	No
0 No	No
0 No	No
No	No
No	No
No	No
No	No
No	No
15000 No	Yes
1200 No	Yes
12000 No	Yes
No	No
No	No
0 No	No
0 No	Yes
600 No	Yes
0 No	No
0 No	No
0 No	Yes
0 No	No
0 No	Yes
0 No	No
0 No	Yes
0 No	No

Not Applicable - Spill did not reach storm drainpipe
Not Applicable - Spill did not reach storm drainpipe
Not Applicable - Spill did not reach storm drainpipe
Not Applicable - Spill did not reach storm drainpipe
Not Applicable - Spill did not reach storm drainpipe
Not Applicable - Spill did not reach storm drainpipe
Yes
Not Applicable - Spill did not reach storm drainpipe
Not Applicable - Spill did not reach storm drainpipe
No
Yes
Yes
Not Applicable - Spill did not reach a separate storm drainpipe
No
Yes
Yes
Yes
Yes
Yes
Not Applicable - Spill did not reach a separate storm drainpipe
Not Applicable - Spill did not reach a separate storm drainpipe
Not Applicable - Spill did not reach a separate storm drainpipe
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Not Applicable - Spill did not reach a separate storm drainpipe
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Not Applicable - Spill did not reach storm drainpipe
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Not Applicable - Spill did not reach storm drainpipe
Yes
Not Applicable - Spill did not reach storm drainpipe
Yes
Not Applicable - Spill did not reach storm drainpipe
Yes
Not Applicable - Spill did not reach storm drainpipe

4025 Camino Vinedo
41 Austen Way
919 Veale Ave
26 Wygal Dr
497 Mt. View Dr
Shell Ave and Monterey ave Intersection
2610 Leslie Ave
1220 Oak Crest Ct
Starbucks
1030 Oak St
Morello Ave @ Rollinghill Way
2050 Elderwood Dr
4736 Pacheco Blvd
Arnold Drive nearest cross St, Starflower Dr
Morello Ave
1125 Breckenridge Ct
2811 Sycamore St
1338 Sante Fe Ave
1030 Oak St
620 Center ave
19 Goree Ct
216 Holiday Hills Dr
1049 Veterans Ct
Missouri St and Wayne St-intersection
Mt. View Sanitary District PS4
2621 Leslie Ave
2610 Leslie Ave
Morello Ave at Gilrix Dr
1134 Plaza Dr
163 Midhill
1051 Sierra Ave
216 Holiday Hills Dr
4999 Pacheco Blvd
1065 Terrace Dr Napa, CA 94559
Foxboro Dr
2516 Rollingwood Dr
1206 Nielson Dr
515 Coombs St
22 Monez Blvd
Scenic @ Larkin
3300 Browns Valley Road
Brown & Yount
1095 Terrace Dr
3036 Beard Rd
429 Montecito Blvd
Beecham St
Larkin @ Scenic
Raymond @ Plaza
Minahen @ Locust
3811 Oxford St
2185 W.Pueblo Ave
3552 Linda Vista
1902 Wise Dr
Harvard at Broadmoor
2006 Ida Street

38.010215	-122.093669 Contra Costa
38.004266	-122.014333 Contra Costa
38.006931	-122.115034 Contra Costa
38.013506	-122.103796 Contra Costa
38.000044	-122.124894 Contra Costa
38.008519	-122.120977 Contra Costa
38.007189	-122.115944 Contra Costa
37.984787	-122.106289 Contra Costa
37.99319	-122.119479 Contra Costa
38.008464	-122.117853 Contra Costa
37.989737	-122.10185 Contra Costa
37.987117	-122.095352 Contra Costa
38.002716	-122.082402 Contra Costa
37.99287	-122.08087 Contra Costa
37.998226	-122.10066 Contra Costa
37.99865	-122.100182 Contra Costa
38.00854	-122.114727 Contra Costa
38.011824	-122.111727 Contra Costa
38.00846	-122.11785 Contra Costa
37.99377	-122.11954 Contra Costa
38.010613	-122.098274 Contra Costa
37.994632	-122.091341 Contra Costa
37.99101	-122.11432 Contra Costa
38.00235	-122.120268 Contra Costa
38.005112	-122.0981138 Contra Costa
38.00738	-122.115936 Contra Costa
38.007008	-122.115994 Contra Costa
38.00769	-122.101813 Contra Costa
38.008991	-122.11254 Contra Costa
37.998342	-122.092679 Contra Costa
38.009914	-122.120945 Contra Costa
37.994632	-122.091342 Contra Costa
37.995128	-122.074931 Contra Costa
38.293861	122.269483 Napa
38.29455	122.270144 Napa
38.311256	122.322078 Napa
38.304508	122.270944 Napa
38.293872	122.284944 Napa
38.303983	122.266267 Napa
38.305586	122.32505 Napa
38.305258	122.331189 Napa
38.303631	122.290431 Napa
38.292489	122.269842 Napa
38.320525	122.293869 Napa
38.30085	122.266408 Napa
38.31818	-122.288535 Napa
38.309444	122.321389 Napa
38.302056	-122.274575 Napa
38.284494	-122.298475 Napa
38.325928	-122.3196 Napa
38.312117	-122.315647 Napa
38.321733	-122.351667 Napa
38.33278	-122.31429 Napa
38.30944	-122.34424 Napa
38.31051	-122.286 Napa

[illegible]

S01003 RI located near 4025 Camino Vinedo

backed up into the basement through a toilet located in the basement
Martinez Shell Refinery Parking lot P4

E14039 easement manhole located at 1220 Oak Crest Ct
Starbucks located at 502 Center Ave Martinez Ca
Manhole W03012
intersection of Morello Ave and Rollinghill way

Manhole at street across from Mt.View Sanitary District pump station #3
Mh E04008 on Morello Ave near Midhill Rd
Mh E04009

Parking lot at Muir station apartments

MH E08008 located near 216 Holiday Hills Dr

Basement area of 2610 Leslie Ave
Crawl Space area of 2610 Leslie Ave

Easement area in rear of named property.
Manhole in street in front of address.

Parking lot of Dentist office
Rear yard of affected property off of sanitary sewer easement

From manhole near intersection
From manhole at intersection

Street in front of address
Cleanout for 2185 W.Pueblo Ave

Gravity sewer;Other sewer system structure
Other (specify)
Building or structure
Other sewer system structure
Other (specify)
Manhole
Gravity sewer
Manhole
Other (specify)
Manhole
Manhole
Manhole
Other (specify)
Manhole
Manhole
Manhole
Other (specify)
Building or structure;Other (specify)
Manhole
Manhole
Other (specify)
Manhole
Building or structure
Manhole
Pump station
Building or structure
Building or structure
Manhole
Other sewer system structure
Manhole
Building or structure
Manhole
Lateral Clean Out (Private)
Manhole
Manhole
Manhole
Manhole
Gravity sewer
Manhole
Manhole
Manhole
Manhole
Building or structure
Other sewer system structure
Other sewer system structure
Manhole
Manhole
Manhole
Manhole
Manhole
Gravity sewer
Other sewer system structure
Gravity sewer
Gravity sewer;Manhole
Gravity sewer;Other sewer system structure

Rodding Inlet S01003
cleanout \ overflow device

RI D01009
house lateral outside of 497 Mt. View Dr

overflow device located on Business

cleanout for private collector located near 4736 Pacheco Blvd in private driveway

E04009
located sewage in Storm Drain at this location
at lateral cleanout

Clean out at house

Building cleanout
E03009

Clean out

Bathroom in basement garage
Cleanout
cleanout for noted address

Main line flush hole
Plugged main appeared out of cleanout for address
Clean out on private property which is lower than manhole elevations

Street/curb and gutter
Unpaved surface;Other (specify below)
Building or structure
Unpaved surface
Street/curb and gutter
Street/curb and gutter
Storm drain
Unpaved surface
Unpaved surface;Other (specify below)
Unpaved surface;Other (specify below)
Separate storm drain
Separate storm drain
Street/curb and gutter
Other paved surface;Separate storm drain
Street/curb and gutter;Surface water
Separate storm drain;Street/curb and gutter;Surface water
Separate storm drain
Separate storm drain
Separate storm drain;Unpaved surface
Other paved surface;Street/curb and gutter;Unpaved surface
Other (specify below)
Street/curb and gutter
Unpaved surface
Separate storm drain;Street/curb and gutter
Other (specify below)
Building or structure
Building or structure
Other (specify below)
Unpaved surface;Other (specify below)
Street/curb and gutter;Surface water
Building or structure;Unpaved surface
Street/curb and gutter
Unpaved surface
Other (specify below)
Other (specify below)
Other (specify below)
Street/curb and gutter;Other (specify below)
Street/curb and gutter;Other (specify below)
Street/curb and gutter;Other (specify below)
Street/curb and gutter
Street/curb and gutter
Storm drain;Street/curb and gutter
Building or structure
Other paved surface;Other (specify below)
Unpaved surface;Other (specify below)
Storm drain
Storm drain;Street/curb and gutter
Street/curb and gutter
Street/curb and gutter
Storm drain;Street/curb and gutter
Street/curb and gutter
Storm drain
Street/curb and gutter
Street/curb and gutter
Street/curb and gutter

Spill affected sidewalk areas and gravel surfaces, ground surfaces under raised shed

landscape area next to building
portion entered Storm Drain to unknown destination, majority flowed to unpaved surface

Vine Creek

Landscaped area in rock garden

Pacheco Creek via Vine Creek

Storm drain to open drainage ditch
at dirt driveway to backyard sidewalk and lawn

Returned to Sanitary Sewer
Initially washed into storm drain. Cleaned storm drain and vacuumed and returned to sanitary sewer
Returned to Sanitary Sewer
Recovered and returned to sanitary sewer system
Returned to sanitary sewer
Overflow onto street, cleaned up and returned to sanitary sewer

returned spill to sanitary sewer
Ran onto ground. Was able to return most to sanitary sewer

11/23/2009 9:30	11/23/2009 9:55	11/23/2009 10:08	11/23/2009 10:15
11/27/2009 10:00	11/27/2009 11:30	11/27/2009 11:45	11/27/2009 12:25
1/7/2010 15:30	1/7/2010 15:45	1/7/2010 16:10	1/7/2010 16:20
2/3/2010 9:30	2/3/2010 10:00	2/3/2010 10:20	2/3/2010 12:30
3/28/2010 1:00	3/29/2010 8:05	3/29/2010 8:30	3/29/2010 8:40
3/27/2010 15:20	3/27/2010 15:28	3/27/2010 16:15	3/27/2010 16:30
6/30/2010 13:00	6/30/2010 13:00	6/30/2010 13:00	7/1/2010 20:00
9/4/2010 12:15	9/7/2010 12:15	9/7/2010 12:35	9/7/2010 12:40
10/8/2010 7:00	10/8/2010 10:58	10/8/2010 11:15	10/8/2010 7:15
2/21/2011 19:15	2/21/2011 19:44	2/21/2011 20:15	2/21/2011 20:45
2/23/2011 11:00	2/23/2011 11:25	2/23/2011 11:50	2/23/2011 11:07
2/24/2011 10:00	2/24/2011 10:23	2/24/2011 10:35	2/24/2011 10:47
3/27/2011 14:24	3/27/2011 14:24	3/27/2011 14:34	3/30/2011 15:15
8/19/2011 21:13	8/19/2011 21:13	8/19/2011 22:31	8/19/2011 22:59
10/31/2011 14:25	10/31/2011 14:45	10/31/2011 14:55	10/31/2011 15:05
10/31/2010 15:05	10/31/2011 15:05	10/31/2011 15:05	10/31/2011 15:30
10/31/2011 13:00	11/2/2011 11:15	10/31/2011 11:15	11/3/2011 13:00
11/7/2011 20:33	11/7/2011 20:33	11/07/2011 21:15	11/7/2011 21:41
11/23/2011 14:00	11/23/2011 14:13	11/23/2011 14:35	11/23/2011 14:45
12/15/2011 17:45	12/15/2011 18:03	12/15/2011 18:30	12/15/2011 19:00
2/10/2012 14:00	2/10/2012 14:03	2/10/2012 14:10	2/10/2012 14:20
3/9/2012 13:00	3/9/2012 13:37	3/9/2012 13:45	3/9/2012 14:06
11/14/2012 16:00	11/14/2012 19:38	11/14/2012 20:40	11/14/2012 18:00
11/25/2012 10:33	11/25/2012 10:46	11/25/2012 11:05	11/25/2012 10:50
12/2/2012 8:00	12/2/2012 9:00	12/2/2012 9:00	12/2/2012 12:00
11/25/2012 13:00	11/26/2012 20:30	11/26/2012 21:10	11/26/2012 20:00
11/25/2012 13:00	11/26/2012 21:10	11/26/2012 21:10	11/26/2012 20:00
2/23/2013 10:40	2/23/2013 11:15	2/23/2013 12:05	2/23/2013 12:19
3/22/2013 16:00	3/23/2013 12:15	3/23/2013 13:15	3/23/2013 13:20
3/23/2013 8:00	3/24/2013 7:31	3/24/2013 8:00	3/24/2013 8:20
6/20/2013 13:55	6/20/2013 14:00	6/20/2013 14:35	6/20/2013 14:00
7/6/2013 20:00	7/6/2013 20:30	7/6/2013 21:17	7/6/2013 20:15
9/25/2013 17:00	9/27/2013 10:20	9/27/2013 10:30	9/26/2013 18:00
10/30/2007 11:30	10/30/2007 11:50	10/30/2007 12:00	10/30/2007 12:45
11/25/2007 18:00	11/25/2007 18:15	11/25/2007 18:45	11/25/2007 19:00
12/11/2007 9:00	12/11/2007 9:15	12/11/2007 9:35	12/11/2007 9:50
12/20/2007 11:00	12/20/2007 11:10	12/20/2007 11:15	12/20/2007 11:30
12/22/2007 14:30	12/22/2007 14:45	12/22/2007 15:30	12/22/2007 15:50
12/30/2007 12:00	12/30/2007 12:00	12/30/2007 12:10	12/30/2007 14:45
1/4/2008 9:00	1/4/2008 9:00	1/4/2008 9:00	1/4/2008 16:00
1/4/2008 13:00	1/4/2008 13:04	1/4/2008 13:10	1/4/2008 0:00
1/4/2008 11:00	1/4/2008 11:00	1/4/2008 11:00	1/4/2008 16:00
1/23/2008 8:40	1/23/2008 8:50	1/23/2008 9:00	1/23/2008 10:00
2/12/2008 11:00	2/12/2008 11:15	2/12/2008 11:30	2/12/2008 11:40
4/13/2008 9:00	4/13/2008 14:15	4/13/2008 14:55	4/13/2008 15:55
12/30/2008 13:45	12/30/2008 13:55	12/30/2008 14:00	12/30/2008 14:15
2/17/2009 10:30	2/17/2009 10:30	2/17/2009 10:30	2/17/2009 12:30
3/21/2009 18:45	3/21/2009 18:55	3/21/2009 19:20	3/21/2009 20:00
3/22/2009 12:00	3/22/2009 12:15	3/22/2009 12:45	3/22/2009 13:20
4/2/2009 6:42	4/2/2009 6:42	4/2/2009 7:00	4/2/2009 7:45
4/16/2009 20:00	4/16/2009 20:16	4/16/2009 20:30	4/16/2009 21:15
8/18/2009 19:00	8/18/2009 19:16	8/18/2009 19:40	8/18/2009 21:00
10/2/2009 19:29	10/2/2009 19:40	10/2/2009 20:05	10/2/2009 22:00
11/23/2009 10:00	11/23/2009 10:08	11/23/2009 10:15	11/23/2009 11:00
1/3/2010 15:15	1/3/2010 15:31	1/3/2010 16:00	1/3/2010 16:50

Other (specify below)
Debri-Rags
Grease deposition (FOG)
Other (specify below)
Grease deposition (FOG)
Other (specify below)
Pipe structural problem/failure
Other (specify below)
Pipe structural problem/failure
Debri-Rags
Grease deposition (FOG)
Grease deposition (FOG)
Other (specify below)
Grease deposition (FOG)
Debri-Rags
Other (specify below)
Pipe structural problem/failure
Grease deposition (FOG)
Debri-Rags
Root intrusion
Grease deposition (FOG)
Root intrusion
Other (specify below)
Root intrusion
Other (specify below)
Other (specify below)
Other (specify below)
Grease deposition (FOG)
Other (specify below)
Other (specify below)
Debri-General
Other (specify below)
Damage by Others Not Related to CS Construction/Maintenance (Specify Below)
Other (specify below)
Root intrusion
Grease deposition (FOG)
Root intrusion
Root intrusion
Root intrusion
Rainfall exceeded design
Rainfall exceeded design
Flow exceeded capacity
Root intrusion
Other (specify below)
Other (specify below)
Grease deposition (FOG)
Flow exceeded capacity
Debri-General
Debri-General
Grease deposition (FOG)
Grease deposition (FOG)
Grease deposition (FOG)
Debri-General
Grease deposition (FOG)
Grease deposition (FOG)

unknown blockage

grease and roots

Unknown cause

small amount of roots and FOG noted

lateral found not connected to reconstructed mainline
reduced original estimate reported to OES due to more accurate information.

screen used in channel became loose and caused blockage

Root intrusion and flushable wipes at manhole V03006

Vine Creek flows rose above creek banks and inundated manholes. Unprecedented high flows in creek not expected from possible soft plug and surcharge of mainline, blockage was cleared prior to MVSD arrival
possible soft plug and surcharge of mainline, blockage was cleared prior to MVSDs arrival

Debris and Roots

Debris and Roots

Grease Roots Rags

found ainline o be damaged by horozontial directional drilling

Inflatable plug stuck in line.

Heavy roots from joints in manhole.

Large rocks in sanitary sewer line

Unknow blockage

Old pneumatic plug and portion of CIPP lateral liner caught in main.

[Main](#)

[Main](#)

Main

Main

Main

Main

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Gravity Mainline

Main

Main

Main

[Main](#)

Main

Main

Main

[Main](#)

possible soft plug and surcharge of mainline, blockage was cleared prior to MVSD arrival
possible soft plug and surcharge of mainline, blockage was cleared prior to MVSDs arrival

Sag in main that caused grease build up

6

8 ACP

8

8 AC

8 vcp

No

6 VCP

8 ACP

6 ACP

8 VCP

8 VCP

8 VCP

8 ACP

10 ACP

20 ACP

6 VCP

6 ACP

8 ACP

8 ACP

8 CIPP

10 VCP

6 ACP

7 HDPE

6 ACP

6 ACP

8 ACP

6 VCP

25

720

45

40

60

40

40

50

50

flushed and recovered effected area

Flushed and recovered 1500 gallons water

repaired mainline segment W02018 W02017

District staff responded and cleared blockage. staff recovered all of the overflow. Flushed storm drain with 1297 gallons a followup cleaning to occur

Warning signs posted, onsite pump station monitoring during storm event, additional sampling after event as described I
dammed ditch with sandbags, recovered overflow and flush water back to nearby manhole located behind 3610 Pacheco
recovery pumps setup down stream of where storm drain enters Vine Creek. stopped flow of creek by dam on private pro
homeowner hosed down area prior to MVSD onsite, area was dry, including curb and gutter. restored flow to mainline

Cleaned spill , and storm drain, vacuumed all wastewater and wash water and returned to sanitary sewer system
Washed down area and vacuumed all sso and wash down water and returned to sanitary sewer

2/22/2011 14:00

8/20/2011 0:50
10/31/2011 20:20
10/31/2011 20:20

12/6/2012 17:00

2/23/2013 19:15

3/26/2013 16:00

9/27/2013 22:00
10/30/2007 16:20

1/4/2008 11:30
1/5/2008 9:00
1/5/2008 10:00

2/17/2009 14:30

4/2/2009 9:55

Adjusted schedule/method of preventive maintenance

Other (specify below)

Adjusted schedule/method of preventive maintenance

Other (specify below)

Other (specify below)

Adjusted schedule/method of preventive maintenance

Adjusted schedule/method of preventive maintenance

Inspected Sewer Using CCTV to Determine Cause;Other (specify below)

Adjusted schedule/method of preventive maintenance;Other (specify below)

Adjusted schedule/method of preventive maintenance;Enforcement action against FOG source;Plan rehabilitation or repl

Adjusted schedule/method of preventive maintenance;Plan rehabilitation or replacement of sewer

Adjusted schedule/method of preventive maintenance;Plan rehabilitation or replacement of sewer

Adjusted schedule/method of preventive maintenance;Enforcement action against FOG source;Plan rehabilitation or repl

Adjusted schedule/method of preventive maintenance

Reviewing SSO pattern in the area and investigating preventative maintenance schedule
training on screen tool used by crews

investigate causes of excessive flows through Vine Creek which inundated District owned manholes.

TV inspected mainline, mainline will be spot repaired at identified location.
Removed blockage, CCTV affected sewer line.

No

No
No
No

Yes

Yes

No

Yes
Yes

Yes
Yes
Yes

No

No

no impacted receiving waters

no impacts

no receiving water impacted

No environmental impact

no impacts to receiving waters

no impacts to receiving waters

no impacts

no downstream impacts

spill contained to portion of Vine Creek by sandbags. no further visual impacts beyond the contained spill zone.

no impacts at this time

N/A

N/A

no impacts

none

none

NA

none

NA

NA

none

NA

no visual impacts

N/A

none

Yes

No
Yes
Yes

Yes

Yes

Yes

No

No
No
No

No

No

none

NA
n/a

N/A
N/A

N/A
NA
none
NA
N/A
NA
NA
none
NA
none
N/A
N/A

NA

NA
NA
NA

NA

NA

none
unknown destination from Storm Drain
unknown destination
unknown destination
NA
n/a
Vine Creek
Vine Creek
none affected at this time
N/A
N/A
None
N/A
NA
none
None
Vine Creek,Vine Creek Marsh, Pacheco Creek, Susuin Bay
NA
NA
none
NA
Vine Creek
N/A
N/A

NA

NA
NA
NA

NA

NA

No water quality samples taken

Not applicable to this spill

Dissolved oxygen;Biological indicator(s) - specify below

Dissolved oxygen;Biological indicator(s) - specify below

Dissolved oxygen;Other chemical indicator(s) - specify below;Biological indicator(s) - specify below

Dissolved oxygen;Other chemical indicator(s) - specify below;Biological indicator(s) - specify below

Dissolved oxygen;Other chemical indicator(s) - specify below;Biological indicator(s) - specify below

No water quality samples taken

No water quality samples taken

No water quality samples taken;Not applicable to this spill

No water quality samples taken

No water quality samples taken;Not applicable to this spill

No water quality samples taken

n/a
DO, enterococcus, PH, ammonia,
DO, PH Ammonia, Enterococcus

pH, temperature, Ammonia, Enterococcus, Total Coliform, E.Coli

DO, Ammonia, Enterococcus

Ammonia, DO, Enterococcus, pH

No water quality samples taken

None of the above
None of the above
None of the above

None of the above

None of the above

None of the above

None of the above

No water quality samples taken
No water quality samples taken;Not applicable to this spill
No water quality samples taken

None of the above

No water quality samples taken

full result have not come in
results are pending

Preliminary results not complete

Lab results still not complete at this time

upstream connections and duration

111066 2/21/2011 21:09

114952 8/19/2011 23:25
116505 10/31/2011 16:03
116506 10/31/2011 16:10
116536 11/2/2011 13:04

117416 12/15/2011 19:57

127302 12/2/2012 10:08

131138 2/23/2013 13:01

131775 3/24/2013 9:41

76684 10/30/2007 16:50

80458 1/15/2008 15:30
80459 1/15/2008 15:30
80460 1/15/2008 15:30

91415 2/18/2009 15:28

92694 4/2/2009 0:30

Dale W. Riddle

9252285635

2SSO10159	Active	749568	Greg Dawson	Certified
2SSO10159	Active	749794	Greg Dawson	Certified
2SSO10159	Active	754263	Greg Dawson	Certified
2SSO10159	Active	756656	Greg Dawson	Certified
2SSO10159	Active	757482	Greg Dawson	Certified
2SSO10159	Active	758101	Greg Dawson	Certified
2SSO10159	Active	759549	Greg Dawson	Certified
2SSO10159	Active	759963	Greg Dawson	Certified
2SSO10159	Active	762441	Greg Dawson	Certified
2SSO10159	Active	762956	Greg Dawson	Certified
2SSO10159	Active	764454	Greg Dawson	Certified
2SSO10159	Active	764455	Greg Dawson	Certified
2SSO10159	Active	764456	Greg Dawson	Certified
2SSO10159	Active	764457	Greg Dawson	Certified
2SSO10159	Active	764458	Greg Dawson	Certified
2SSO10159	Active	764459	Greg Dawson	Certified
2SSO10159	Active	764460	Greg Dawson	Certified
2SSO10159	Active	764462	Greg Dawson	Certified
2SSO10159	Active	764463	Greg Dawson	Certified
2SSO10159	Active	764465	Greg Dawson	Certified
2SSO10159	Active	764499	Greg Dawson	Certified
2SSO10159	Active	764779	Greg Dawson	Certified
2SSO10159	Active	764894	Greg Dawson	Certified
2SSO10159	Active	764896	Greg Dawson	Certified
2SSO10159	Active	764897	Greg Dawson	Certified
2SSO10159	Active	764898	Greg Dawson	Certified
2SSO10159	Active	764899	Greg Dawson	Certified
2SSO10159	Active	764900	Greg Dawson	Certified
2SSO10159	Active	764902	Greg Dawson	Certified
2SSO10159	Active	764904	Greg Dawson	Certified
2SSO10159	Active	764905	Greg Dawson	Certified
2SSO10159	Active	764906	Greg Dawson	Certified
2SSO10159	Active	764907	Greg Dawson	Certified
2SSO10159	Active	764908	Greg Dawson	Certified
2SSO10159	Active	765044	Greg Dawson	Certified
2SSO10159	Active	765121	Greg Dawson	Certified
2SSO10159	Active	765842	Greg Dawson	Certified
2SSO10159	Active	765844	Greg Dawson	Certified
2SSO10159	Active	765943	Greg Dawson	Certified
2SSO10159	Active	766537	Greg Dawson	Certified
2SSO10159	Active	766542	Greg Dawson	Certified
2SSO10159	Active	766951	Greg Dawson	Certified
2SSO10159	Active	766952	Greg Dawson	Certified
2SSO10159	Active	767120	Greg Dawson	Certified
2SSO10159	Active	767121	Greg Dawson	Certified
2SSO10159	Active	767516	Greg Dawson	Certified
2SSO10159	Active	767517	Greg Dawson	Certified
2SSO10159	Active	767519	Greg Dawson	Certified
2SSO10159	Active	768148	Greg Dawson	Certified
2SSO10159	Active	768149	Greg Dawson	Certified
2SSO10159	Active	770669	Greg Dawson	Certified
2SSO10159	Active	770757	Greg Dawson	Certified
2SSO10159	Active	770758	Greg Dawson	Certified
2SSO10159	Active	770761	Greg Dawson	Certified
2SSO10159	Active	770786	Greg Dawson	Certified

935 Hartle Ct, Napa, CA 94559	516326
935 Hartle Ct, Napa, CA 94559	759354
935 Hartle Ct, Napa, CA 94559	119494
935 Hartle Ct, Napa Ca	195545
935 Hartle Ct, Napa, CA 94559	519145
935 Hartle Ct, Napa, CA 94559	122018
935 Hartle Ct, Napa, CA 94559	379397
935 Hartle Ct, Napa, CA 94559	486394
935 Hartle Ct	528601
935 Hartle Ct	105166
935 Hartle Ct, Napa, CA 94559	176852
935 Hartle Ct	729273
935 Hartle Ct	302115
935 Hartle Ct	801057
935 Hartle Ct	645134
935 Hartle Ct	621166
935 Hartle Ct	475903
935 Hartle Ct	295913
935 Hartle Ct	841680
935 Hartle Ct	861034
935 Hartle Cdt	978159
935 Hartle Ct	659942
935 Hartle Ct	876239
935 Hartle Ct	268670
935 Hartle Ct	460333
935 Hartle Ct	331868
935 Hartle Ct	569443
935 Hartle Ct	526076
935 Hartle Ct	693841
935 Hartle Ct	839593
935 Hartle Ct	872576
935 Hartle Ct	565682
935 Hartle Ct	867626
935 Hartle Ct	826161
935 Hartle Ct	392123
935 Hartle Ct	847915
935 Hartle Ct	669259
935 Hartle Ct	501718
935 Hartle Ct	614881
935 Hartle Ct	613470
935 Hartle Ct	756248
935 Hartle Ct	563603
935 Hartle Ct	603107
935 Hartle Ct	516189
935 Hartle Ct	153368
935 Hartle Ct	423311
935 Hartle Ct	339438
935 Hartle Ct	288990
935 Hartle Ct	648823
935 Hartle Ct	386949
935 Hartle Ct	548258
935 Hartle Ct	511104
935 Hartle Ct	208048
935 Hartle Ct	947158
935 Hartle Ct	287702

ED 006495 00001076-03324

Category 3	160	160
Category 3	150	0
Category 1	10000	325
Category 3	95	95
Category 3	20	20
Category 3	270	75
Category 1	1200	0
Category 1	400	0
Category 3	60	60
Category 3	20	5
Category 3	1	0
Category 3	4	0
Category 3	2	0
Category 3	1	0
Category 3	1	0
Category 3	1	0
Category 3	1	0
Category 3	2	0
Category 3	2	0
Category 3	1	0
Category 1	40	0
Category 1	875	0
Category 3	25	25
Category 3	20	0
Category 3	3	0
Category 3	5	0
Category 3	3	0
Category 3	3	0
Category 3	3	0
Category 3	3	0
Category 3	10	0
Category 3	3	0
Category 3	1	0
Category 3	200	200
Category 3	20	20
Category 3	2	2
Category 3	4	0
Category 3	2	0
Category 3	40	40
Category 3	5	5
Category 3	5	0
Category 3	2	0
Category 3	5	0
Category 3	75	75
Category 3	8	5
Category 3	100	95
Category 3	25	5
Category 3	2	0
Category 3	10	10
Category 3	1	1
Category 3	200	50
Category 3	5	0
Category 3	1	0
Category 3	1	0
Category 3	1	0

[illegible]

Not Applicable - Spill did not reach a separate storm drainpipe

Kent St @ Wimbledon
Round Hill Circle @ Round Hill Ct
Dezerai Ct
1008 Partrick Rd
135 Lilienthal Ave
Wine Country Ave Easement
Jefferson @ Rubicon
Larkin @ Scenic
2531 Elm St
2289 Alberta
2063 Adrian St
1529 First St
654 Cunard
2030 WEST LINCOLN AVE
554 SEYMOUR ST
2500 GINA DR
4369 DALE DR
214 S.Seymour
1528 Pueblo
2135 Ethel Porter
3513 Jefferson
1003 McCormick Lane
1422 Tallac
1514 Clay
52 Westwood
2371 Edgewater
2510 Redwood Rd
1055 Hudson Lane
1301 Shetler
1488 Tallac St
356 Brown St
318 Minahen
1024 Wyatt
2091 Morlan & West Pueblo
1037 Silverado Trail @ Second St
2040 Brownj St
1840 Adrian St
Kolbe Academy
3588 Jefferson
627 Casswall
3505 Jefferson
2510 Redwood Rd
2509 Old Sonoma Rd
2819 Elm St
590 East Spring St
1130 Pine
811 Jefferson St
554 Seymour
2636 West Pueblo
3346 Twin Oaks
Meritage
3548 Meadowbrook
1831 Myrtle
3261 Beard
20 Bonita

38.28236	-122.3061 Napa
38.30268	-122.33696 Napa
38.30465	-122.33344 Napa
38.3071	-122.34232 Napa
38.28879	-122.31181 Napa
38.33228	-122.33007 Napa
38.32426	-122.30118 Napa
38.30571	-122.32479 Napa
38.28966	-122.30274 Napa
38.31434	-122.31438 Napa
38.3084	-122.29219 Napa
38.29708	-122.28985 Napa
38.3162	-122.28352 Napa
38.30688	-122.30711 Napa
38.29371	-122.29783 Napa
38.32296	-122.32479 Napa
38.34075	-122.31856 Napa
38.28587	-122.2973 Napa
38.31524	-122.30136 Napa
38.31829	-122.31147 Napa
38.32477	-122.30201 Napa
38.30501	-122.33137 Napa
38.32808	-122.30583 Napa
38.2982	-122.29029 Napa
38.30069	-122.31311 Napa
38.31489	-122.28235 Napa
38.31899	-122.32348 Napa
38.30337	-122.31444 Napa
38.28248	-122.26123 Napa
38.32797	-122.30644 Napa
38.29096	-122.28406 Napa
38.28579	-122.29905 Napa
38.29177	-122.26802 Napa
38.31155	-122.31177 Napa
38.3016	-122.27659 Napa
38.30752	-122.29313 Napa
38.3059	-122.28947 Napa
38.30518	-122.29782 Napa
38.32683	-122.30284 Napa
38.28281	-122.31046 Napa
38.32449	-122.30179 Napa
38.31899	-122.32348 Napa
38.28773	-122.30518 Napa
38.28968	-122.30879 Napa
38.30531	-122.26582 Napa
38.29057	-122.28539 Napa
38.296	-122.2938 Napa
38.29371	-122.29783 Napa
38.31671	-122.32576 Napa
38.3004	-122.33671 Napa
38.24667	-122.27352 Napa
38.30436	-122.34441 Napa
38.31288	-122.30591 Napa
38.32231	-122.29589 Napa
38.30126	-122.27133 Napa

[illegible]

Manhole

Out of manhole in open field at address

District cleanout on lower lateral

District cleanout for lower lateral

West Pueblo area

NSD cleanout for lower lateral

Five of the cleanouts on East side of street

District cleanout on lower lateral
District cleanout on lower lateral
District cleanout for lower lateral
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District cleanout for lower lateral
District lateral cleanout
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District cleanout for lower lateral

District Cleanout for lower lateral
District cleanout for lower lateral
District cleanout for lower lateral

NSD cleanout for lower lateral

NSD cleanout for lower lateral
NSD cleanout for lower lateral

Storm drain;Street/curb and gutter
Storm drain
Storm drain;Street/curb and gutter;Surface water
Street/curb and gutter
Street/curb and gutter
Unpaved surface
Separate storm drain;Street/curb and gutter
Separate storm drain
Separate storm drain;Street/curb and gutter
Street/curb and gutter
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Separate storm drain
Separate storm drain
Separate storm drain;Street/curb and gutter
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Street/curb and gutter
Separate storm drain;Street/curb and gutter;Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Other paved surface
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Street/curb and gutter;Unpaved surface
Street/curb and gutter
Unpaved surface
Unpaved surface
Unpaved surface
Separate storm drain;Surface water
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface

Lateral was plugged during rain event. District was not notified for over 2 hours and the sewage was washed away by the
Lateral cleanout on edge of storm drain, unable to capture flow from surcharging main
Cleaned and vacuumed storm drain and curb and gutter and returned all sewage to sanitary sewer

From cleanout to storm drain basin

In crawl space under house from broken plumbing under house.

1/18/2010 10:50	1/18/2010 10:58	1/18/2010 11:10	1/18/2010 11:30
2/24/2010 9:30	2/24/2010 9:38	2/24/2010 9:55	2/24/2010 10:10
7/1/2010 9:02	7/1/2010 9:05	7/1/2010 9:25	7/1/2010 9:45
9/2/2010 17:01	9/2/2010 17:10	9/2/2010 17:30	9/2/2010 17:56
10/9/2010 10:25	10/9/2010 10:30	10/9/2010 10:50	10/9/2010 11:10
10/23/2010 13:00	10/23/2010 13:06	10/23/2010 13:30	10/23/2010 14:30
12/19/2010 10:40	12/19/2010 10:48	12/19/2010 11:00	12/19/2010 12:40
12/28/2010 23:00	12/28/2010 23:10	12/28/2010 23:10	12/29/2010 0:10
1/20/2011 11:15	1/20/2011 11:24	1/20/2011 12:00	1/20/2011 12:20
2/10/2011 11:00	2/11/2011 15:14	2/11/2011 15:45	2/11/2011 14:20
2/4/2011 8:00	2/4/2011 8:17	2/4/2011 8:29	2/4/2011 8:43
2/15/2011 12:00	2/15/2011 12:20	2/15/2011 12:30	2/15/2011 12:40
2/19/2011 16:00	2/19/2011 16:16	2/19/2011 16:30	2/19/2011 17:00
2/21/2011 16:45	2/21/2011 17:00	2/21/2011 17:00	2/21/2011 17:30
2/21/2011 15:29	2/21/2011 15:50	2/21/2011 16:00	2/21/2011 16:30
2/22/2011 8:30	2/22/2011 8:55	2/22/2011 9:10	2/22/2011 9:15
2/22/2011 9:00	2/22/2011 9:15	2/22/2011 10:10	2/22/2011 10:20
2/22/2011 14:29	2/22/2011 14:48	2/22/2011 15:07	2/22/2011 15:18
2/22/2011 7:29	2/22/2011 7:40	2/22/2011 8:15	2/22/2011 8:30
2/27/2011 15:29	2/27/2011 15:54	2/27/2011 16:15	2/27/2011 16:25
3/18/2011 11:29	3/18/2011 13:52	3/18/2011 14:07	3/18/2011 14:12
3/24/2011 13:05	3/24/2011 13:05	3/24/2011 13:05	3/24/2011 13:45
3/4/2011 10:00	3/4/2011 10:00	3/4/2011 10:05	3/4/2011 10:35
3/13/2011 11:30	3/13/2011 12:00	3/13/2011 12:15	3/13/2011 12:25
3/15/2011 9:30	3/15/2011 9:38	3/15/2011 9:51	3/15/2011 9:55
3/15/2011 12:25	3/15/2011 12:40	3/15/2011 13:05	3/15/2011 13:10
3/17/2011 10:15	3/17/2011 10:27	3/17/2011 10:50	3/17/2011 10:53
3/18/2011 9:00	3/18/2011 9:16	3/18/2011 9:29	3/18/2011 9:33
3/20/2011 13:00	3/20/2011 13:03	3/20/2011 13:30	3/20/2011 13:35
3/20/2011 13:00	3/20/2011 13:25	3/20/2011 14:01	3/20/2011 14:05
3/20/2011 13:25	3/20/2011 13:53	3/20/2011 14:57	3/20/2011 15:00
3/21/2011 15:30	3/21/2011 15:53	3/21/2011 16:10	3/21/2011 16:20
3/22/2011 9:00	3/22/2011 9:20	3/22/2011 9:35	3/22/2011 9:50
3/26/2011 17:45	3/26/2011 17:54	3/26/2011 18:11	3/26/2011 18:52
4/1/2011 14:30	4/1/2011 14:50	4/1/2011 15:05	4/1/2011 15:12
4/4/2011 13:30	4/4/2011 13:45	4/4/2011 13:55	4/4/2011 14:00
4/19/2011 10:30	4/19/2011 10:52	4/19/2011 11:00	4/19/2011 11:05
4/19/2011 13:20	4/19/2011 13:47	4/19/2011 14:10	4/19/2011 14:30
4/28/2011 10:00	4/28/2011 10:33	4/28/2011 10:45	4/28/2011 11:00
4/7/2011 8:00	4/7/2011 8:12	4/7/2011 8:40	4/7/2011 9:00
4/7/2011 13:29	4/7/2011 13:58	4/7/2011 14:20	4/7/2011 14:25
5/25/2011 13:00	5/25/2011 13:40	5/25/2011 14:00	5/25/2011 14:05
5/26/2011 9:00	5/26/2011 10:10	5/26/2011 10:25	5/26/2011 10:40
5/26/2011 7:00	5/26/2011 14:35	5/26/2011 14:45	5/26/2011 15:00
6/1/2011 9:00	6/1/2011 9:14	6/1/2011 9:22	6/1/2011 9:45
6/3/2011 8:00	6/3/2011 9:49	6/3/2011 10:07	6/3/2011 10:15
6/8/2011 14:00	6/9/2011 0:05	6/9/2011 0:20	6/9/2011 0:29
6/14/2011 7:30	6/14/2011 8:35	6/14/2011 9:00	6/14/2011 9:15
6/17/2011 16:00	6/17/2011 16:23	6/17/2011 16:35	6/17/2011 16:45
6/19/2011 11:30	6/19/2011 11:50	6/19/2011 12:05	6/19/2011 12:20
9/2/2011 9:10	9/2/2011 9:40	9/2/2011 9:50	9/2/2011 9:25
8/12/2011 13:30	8/12/2011 14:00	8/12/2011 14:10	8/12/2011 14:10
8/13/2011 13:00	8/13/2011 13:39	8/13/2011 13:48	8/13/2011 14:00
8/15/2011 10:50	8/15/2011 11:02	8/15/2011 11:20	8/15/2011 11:30
8/18/2011 8:00	8/18/2011 8:15	8/18/2011 8:30	8/18/2011 8:45

Grease deposition (FOG)
Grease deposition (FOG)
Debri-General
Root intrusion
Debri-General
Grease deposition (FOG)
Grease deposition (FOG)
Rainfall exceeded design (Seperate CS Only)
Debri-General
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Debri-Rags
Debri-Rags
Root intrusion
Grease deposition (FOG)
Debri-General
Rainfall exceeded design (Separate CS Only)
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Debri-General
Debri-General
Flow exceeded capacity (Separate CS Only)
Root intrusion
Root intrusion
Root intrusion
Debri-Rags
Root intrusion
Root intrusion
Debri-General
Debri-General
Debri-General
Root intrusion
Root intrusion
Debri-Rags
Debri-General
Root intrusion
Root intrusion
Root intrusion
Other (specify below)
Debri-General
Debri-General
Root intrusion
Root intrusion

Paving Contractor raising manholes allowed debris to build up in sanitary sewer line
Roots growing into manhole at seams of structures

Root intrusion at joint of cleanout

Gas line crossbore through spring line of lateral

Unable to verify exact cause.

During heavy rain event sanitary system was surcharging and this line exceeded it's capacity. Sewage came out of district

Plumbers pneumatic plug loose in system

Main

Main

Main

Main

Main

Main

Main

Lower Lateral

Lower Lateral

Lower Lateral

Lower Lateral

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Lower Lateral

Lower Lateral

Lower Lateral

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Lower Lateral

Main

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Main

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7 PES
10 ACP
8 acp
8 PVC

8 PVC
10 ACP
6 ACP
4 ACP
3 HDPE
4 Clay
4 ACP
4 ACP
4 Varied
4 Clay
4 ACP
4 ACP
4 CIP
4 ACP
3 Plastic
4 ACP
8 ACP
4 ACP
4 ACP
4 VCP
4 ACP
4 ACP
4 ACP
4 ACP
4 ACP
4 Clay
4 Plastic
4 ACP

4
4 Clay

4 ACP
4 ACP
4 ACP
4 ACP
4 acp
4 ACP
4 acp
4 ACP
4 Clay
4 Clay
4 ACP
4 ACP
8 Plastic
4 ACP
4 Clay
4
4

25

20

50

50

50

25

60

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30

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30

4

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50

50

50

80

10

45

60

50

25

Per Regional Board's request, NSD vacuumed 9,600 gallons of water out of Browns Valley Creek approximately 600 feet

Restored flow, washed down area and vacuumed and returned all SSO water and wash down water to sanitary sewer system

Cleaned up area and made sure collections system could handle flow

Pump excess water to downstream manhole with more capacity

Approx 10 gallons reached storm drain, NSD cleaned and vacuumed entire run of storm drain as well as flushing and vacuuming

By the time District was notified of spill rain had washed away the raw sewage.

Used combination truck to vacuum what we could and transport to section of system that was not surcharging. After event

Washed overflowed sewage back into cleanout after blockage was cleared

Vacuumed from manhole and transported to other basins to stabilize flow

District crews washed down area after restoring flow, and then cleaned and vacuumed storm drains and returned all sewage

Used combo truck to vacuum all liquid from under house, returned and flushed back into sanitary sewer. Hired contractor

2/24/2010 10:55
7/1/2010 19:15

12/19/2010 18:00
12/29/2010 0:00

3/18/2011 14:30
3/24/2011 14:30

9/2/2011 14:25

Adjusted schedule/method of preventive maintenance
Other (specify below)

Adjusted schedule/method of preventive maintenance
Plan rehabilitation or replacement of sewer

Added sewer to preventive maintenance program
Other (specify below)

Other (specify below)

cleaned, flushed and vacuumed storm drains, flushed and vacuumed streets, curb and gutters, cleaned, flushed and vaci

Adding area to intense watch for storm events to set by pass operations before SSO occurs in future.

Monotor contractors for debris

No
No

Yes
No

No
No

Yes

No
Yes

No
No

No
No

No

NA
NA

NA
Browns Valley Creek

None
na

None

Napa River
Browns Valley Creek

None

None

None

None

None

None

None

None

None

None

None

None

none

None

None

None

None

None

None

None

None

None

None

None

None

None

None

None

Napa River

None

None

None

None

No water quality samples taken;Not applicable to this spill

Dissolved oxygen;Other chemical indicator(s) - specify below;Biological indicator(s) - specify below

No water quality samples taken

No water quality samples taken

No water quality samples taken;Not applicable to this spill

No water quality samples taken

Dissolved oxygen;Other chemical indicator(s) - specify below;Biological indicator(s) - specify below

Ammonia, Enterococcus

Ammonia, Enterococcus, Temperature and ph.

None of the above
County Health Agency

None of the above
No water quality samples taken

No water quality samples taken;Not applicable to this spill
No water quality samples taken

County Health Agency

101373	2/24/2010 10:15
103994	7/1/2010 10:30

107631	12/19/2010 13:15
107938	12/29/2010 0:40

111636	3/18/2011 15:39
111868	3/24/2011 14:53

115233	9/2/2011 12:25
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2SSO10159	Active	770788 Greg Dawson	Certified
2SSO10159	Active	770805 Greg Dawson	Certified
2SSO10159	Active	770808 Greg Dawson	Certified
2SSO10159	Active	772080 Greg Dawson	Certified
2SSO10159	Active	772081 Greg Dawson	Certified
2SSO10159	Active	772082 Greg Dawson	Certified
2SSO10159	Active	772087 Greg Dawson	Certified
2SSO10159	Active	772089 Greg Dawson	Certified
2SSO10159	Active	772092 Greg Dawson	Certified
2SSO10159	Active	772094 Greg Dawson	Certified
2SSO10159	Active	772095 Greg Dawson	Certified
2SSO10159	Active	772098 Greg Dawson	Certified
2SSO10159	Active	772099 Greg Dawson	Certified
2SSO10159	Active	772101 Greg Dawson	Certified
2SSO10159	Active	772103 Greg Dawson	Certified
2SSO10159	Active	772104 Greg Dawson	Certified
2SSO10159	Active	772487 Greg Dawson	Certified
2SSO10159	Active	772488 Greg Dawson	Certified
2SSO10159	Active	772489 Greg Dawson	Certified
2SSO10159	Active	773160 Greg Dawson	Certified
2SSO10159	Active	773162 Greg Dawson	Certified
2SSO10159	Active	773163 Greg Dawson	Certified
2SSO10159	Active	773164 Greg Dawson	Certified
2SSO10159	Active	773393 Greg Dawson	Certified
2SSO10159	Active	773394 Greg Dawson	Certified
2SSO10159	Active	773396 Greg Dawson	Certified
2SSO10159	Active	773397 Greg Dawson	Certified
2SSO10159	Active	773398 Greg Dawson	Certified
2SSO10159	Active	773399 Greg Dawson	Certified
2SSO10159	Active	773738 Greg Dawson	Certified
2SSO10159	Active	773740 Greg Dawson	Certified
2SSO10159	Active	773741 Greg Dawson	Certified
2SSO10159	Active	773742 Greg Dawson	Certified
2SSO10159	Active	773744 Greg Dawson	Certified
2SSO10159	Active	773745 Greg Dawson	Certified
2SSO10159	Active	773901 Greg Dawson	Certified
2SSO10159	Active	773902 Greg Dawson	Certified
2SSO10159	Active	773943 Greg Dawson	Certified
2SSO10159	Active	774430 Greg Dawson	Certified
2SSO10159	Active	774431 Greg Dawson	Certified
2SSO10159	Active	774433 Greg Dawson	Certified
2SSO10159	Active	774770 Greg Dawson	Certified
2SSO10159	Active	774771 Greg Dawson	Certified
2SSO10159	Active	774772 Greg Dawson	Certified
2SSO10159	Active	775206 Greg Dawson	Certified
2SSO10159	Active	775209 Greg Dawson	Certified
2SSO10159	Active	775330 Greg Dawson	Certified
2SSO10159	Active	775387 Greg Dawson	Certified
2SSO10159	Active	775580 Greg Dawson	Certified
2SSO10159	Active	775581 Greg Dawson	Certified
2SSO10159	Active	775923 Greg Dawson	Certified
2SSO10159	Active	776632 Greg Dawson	Certified
2SSO10159	Active	776633 Greg Dawson	Certified
2SSO10159	Active	776636 Greg Dawson	Certified
2SSO10159	Active	776638 Greg Dawson	Certified

[illegible]

935 Hartle Ct	736586
935 Hartle Ct	629438
935 Hartle Ct	507878
935 Hartle Ct	399581
935 Hartle Ct	584756
935 Hartle Ctd	559242
935 Hartle Ct	638000
935 Hartle Ct	593333
935 Hartle Ct	627425
935 Hartle Ct	956517
935 Hartle Ct	185550
935 Hartle Ct	158713
935 Hartle Ct	819450
935 Hartle Ct	189658
935 Hartle Ct	589591
935 Hartle Ct	442696
935 Hartle Ct	750471
935 Hartle Ct	258531
935 Hartle Ct	122183
935 Hartle Ct	315364
935 Hartle Ct	847246
935 Hartle Ct	429503
935 Hartle Ct	345786
935 Hartle Ct	426701
935 Hartle Ct	561868
935 Hartle Ct	334230
935 Hartle Ct	825118
935 Hartle Ct	378585
935 Hartle Ct	103237
935 Hartle Ct	698635
935 Hartle Ct	568772
935 Hartle Ct	328811
935 Hartle Ct	826126
935 Hartle Ct	229044
935 Hartle Ct	499104
935 Hartle Ct	524203
935 Hartle Ct	829994
935 Hartle Ct	507350
935 Hartle Ct	734480
935 Hartle Ct	302634
935 Hartle Ct	215629
935 Hartle Ct	225424
935 Hartle Ct	771480
935 Hartle Ct	304529
935 Hartle Ct	574051
935 Hartle Ct	715897
935 Hartle Ct	759049
935 Hartle Ct	960461
935 Hartle Ct	453747
935 Hartle Ct	694393
935 Hartle Ct	831123
935 Hartle Ct	858804
935 Hartle Ct	437962
935 Hartle Ct	831427
935 Hartle Ct	860424

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Category 3	2	0
Category 3	2	0
Category 3	2	0
Category 3	2	0
Category 3	1	0
Category 3	1	0
Category 3	5	0
Category 3	15	15
Category 3	50	50
Category 3	5	5
Category 3	10	10
Category 3	1	1
Category 3	1	1
Category 3	2	2
Category 3	1	1
Category 3	5	5
Category 3	1	1
Category 3	1	1
Category 3	20	20
Category 3	3	3
Category 3	5	5
Category 3	1	1
Category 3	1	1
Category 3	1	1
Category 3	1	1
Category 3	2	2
Category 3	1	1
Category 3	1	1
Category 3	5	5
Category 3	5	5
Category 3	1	1
Category 3	1	1
Category 3	1	1
Category 3	1	1
Category 3	6	6
Category 3	5	5
Category 3	50	50
Category 3	4	4
Category 3	5	5
Category 3	5	5
Category 3	3	3
Category 3	3	3
Category 3	5	5
Category 3	3	3
Category 3	1	1
Category 3	1	1
Category 3	5	5
Category 3	30	30
Category 3	3	3
Category 3	1	1
Category 3	1	1
Category 3	1	1
Category 3	1	1
Category 3	2	2
Category 3	3	3

[illegible]

[illegible]

2032 W.Pueblo
41 Julian Ave
1232 Seminary St
2510 Redwood Rd
3346 Twin Oaks Dr
350 Aguirre Way
3740 Hamilton
1402 Sumner
804 Napa St, Miracle Auto Body
3326 Twin Oaks
1017 Alabama St
2218 Sandra Dr
1424 Sheridan Ave
1610 G St
1055 Hudson Lane
2521 Dorset St
1423 Rubicon
2147 Patton
1613 G St
654 Cunard
3783 Young Ave
2010 Lone Oak Ave
2121 Sommer St
3959 lap t
2020 Brown
520 Roosevelt St
2500 MacGregor Ct
216 Coombs St
36 Harvard Lane
3261 Beard
1088 Shetler Ave
547 E.Spring St
21 Casassa Ct
3845 Hamilton St
3700 Lassen St
1105 Hemlock
1819 Tanen St
1805 Central Ave
4406 Summerfield
Cinedome
2131 Stockton
4454 Finch
1512 Trower
1626 Verna
1090 Shetler
2720 Azalea
2210 Berks St
1130 Pine St
2850 Cypress
4172 Tokay Dr
1666 G St
139 Franklin
36 Archer Ave
605 Montgomery
1751 Laurel St

38.31403	-122.30897 Napa
38.30061	-122.27156 Napa
38.29928	-122.2905 Napa
38.31899	-122.32348 Napa
38.29916	-122.33655 Napa
38.29614	-122.27148 Napa
38.33007	-122.30704 Napa
38.32016	-122.30039 Napa
38.30411	-122.28568 Napa
38.29916	-122.33655 Napa
38.31135	-122.27507 Napa
38.3171	-122.3138 Napa
38.31924	-122.30097 Napa
38.30591	-122.2984 Napa
38.30337	-122.31444 Napa
38.28285	-122.30429 Napa
38.32366	-122.303 Napa
38.28318	-122.25716 Napa
38.30536	-122.2987 Napa
38.3162	-122.28352 Napa
38.32261	-122.32456 Napa
38.30872	-122.30602 Napa
38.28193	-122.26083 Napa
38.32651	-122.32351 Napa
38.30725	-122.29292 Napa
38.29349	-122.30808 Napa
38.31759	-122.32257 Napa
38.2892	-122.28608 Napa
38.31071	-122.3439 Napa
38.32231	-122.29589 Napa
38.28292	-122.26879 Napa
38.30584	-122.26727 Napa
38.32602	-122.31893 Napa
38.3311	-122.30789 Napa
38.32884	-122.31266 Napa
38.28562	-122.29119 Napa
38.30701	-122.28653 Napa
38.31042	-122.30473 Napa
38.34406	-122.31316 Napa
38.30134	-122.28486 Napa
38.29444	-122.29758 Napa
38.34696	-122.31558 Napa
38.33283	-122.3089 Napa
38.31889	-122.30986 Napa
38.28293	-122.26861 Napa
38.31795	-122.28918 Napa
38.32571	-122.31991 Napa
38.29058	-122.28543 Napa
38.29249	-122.30939 Napa
38.32893	-122.32848 Napa
38.30556	-122.29902 Napa
38.28876	-122.28984 Napa
38.29621	-122.30854 Napa
38.29461	-122.29712 Napa
38.29242	-122.29313 Napa

[illegible]

8/22/2011 9:45	8/22/2011 9:54	8/22/2011 10:30	8/22/2011 10:35
8/31/2011 14:00	8/31/2011 14:11	8/31/2011 15:05	8/31/2011 15:15
9/6/2011 11:00	9/6/2011 11:15	9/6/2011 11:40	9/6/2011 11:45
9/13/2011 11:45	9/13/2011 12:01	9/13/2011 12:20	9/13/2011 12:25
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9/16/2011 12:00	9/16/2011 12:15	9/16/2011 12:25	9/16/2011 12:35
9/22/2011 15:29	9/22/2011 15:56	9/22/2011 16:10	9/22/2011 16:15
9/29/2011 9:00	9/29/2011 9:51	9/29/2011 10:17	9/29/2011 10:25
9/29/2011 7:30	9/29/2011 7:52	9/29/2011 8:29	9/29/2011 8:29
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10/9/2011 17:29	10/9/2011 17:50	10/9/2011 18:00	10/9/2011 18:30
10/11/2011 14:00	10/11/2011 14:18	10/11/2011 14:29	10/11/2011 14:29
10/17/2011 11:00	10/17/2011 11:24	10/17/2011 11:34	10/17/2011 11:34
10/20/2011 13:00	10/20/2011 13:35	10/20/2011 13:50	10/20/2011 13:50
10/22/2011 18:00	10/22/2011 18:15	10/22/2011 18:45	10/22/2011 18:50
11/10/2011 15:20	11/10/2011 15:40	11/10/2011 15:50	11/10/2011 15:55
11/12/2011 11:30	11/12/2011 11:48	11/12/2011 12:25	11/12/2011 13:00
11/14/2011 12:00	11/14/2011 12:21	11/14/2011 12:30	11/14/2011 12:45
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11/16/2011 9:00	11/16/2011 9:11	11/16/2011 9:30	11/16/2011 9:45
11/17/2011 10:35	11/17/2011 10:49	11/17/2011 12:00	11/17/2011 12:15
11/17/2011 11:00	11/17/2011 11:29	11/17/2011 11:40	11/17/2011 12:00
11/17/2011 15:00	11/17/2011 15:30	11/17/2011 15:35	11/17/2011 15:55
11/20/2011 10:30	11/20/2011 10:54	11/20/2011 11:15	11/20/2011 11:25
11/21/2011 10:00	11/21/2011 11:10	11/21/2011 11:15	11/21/2011 11:25
11/23/2011 11:00	11/23/2011 11:07	11/23/2011 11:10	11/23/2011 11:13
11/24/2011 10:15	11/24/2011 10:27	11/24/2011 11:00	11/24/2011 11:20
11/28/2011 15:29	11/28/2011 15:59	11/28/2011 16:20	11/28/2011 16:25
11/28/2011 10:21	11/28/2011 10:38	11/28/2011 11:50	11/28/2011 11:50
11/28/2011 11:35	11/28/2011 11:57	11/28/2011 12:36	11/28/2011 13:30
11/28/2011 14:00	11/28/2011 14:20	11/28/2011 14:30	11/28/2011 14:35
12/5/2011 16:30	12/5/2011 16:45	12/5/2011 16:50	12/5/2011 17:20
12/6/2011 13:30	12/6/2011 14:18	12/6/2011 14:25	12/6/2011 14:40
12/11/2011 15:00	12/11/2011 15:06	12/11/2011 15:15	12/11/2011 15:18
12/13/2011 8:29	12/13/2011 8:47	12/13/2011 9:15	12/13/2011 9:20
12/15/2011 10:30	12/15/2011 11:01	12/15/2011 11:40	12/15/2011 11:50
12/18/2011 17:00	12/18/2011 17:13	12/18/2011 17:45	12/18/2011 17:45
12/23/2011 9:00	12/23/2011 9:18	12/23/2011 9:40	12/23/2011 9:45
12/24/2011 13:30	12/24/2011 13:59	12/24/2011 14:25	12/24/2011 14:27
12/25/2011 9:00	12/25/2011 9:37	12/25/2011 10:10	12/25/2011 10:10
1/2/2012 8:00	1/2/2012 8:20	1/2/2012 9:10	1/2/2012 9:20
1/2/2012 13:00	1/2/2012 13:04	1/2/2012 13:35	1/2/2012 13:45
1/3/2012 14:40	1/3/2012 14:59	1/3/2012 15:02	1/3/2012 15:05
1/4/2012 8:00	1/4/2012 8:36	1/4/2012 8:43	1/4/2012 8:46
1/7/2012 16:00	1/7/2012 16:15	1/7/2012 16:30	1/7/2012 16:40
1/7/2012 7:45	1/7/2012 8:02	1/7/2012 8:15	1/7/2012 8:25
1/12/2012 7:00	1/12/2012 7:16	1/12/2012 7:40	1/12/2012 7:45
1/21/2012 17:00	1/21/2012 17:30	1/21/2012 18:00	1/21/2012 18:10
1/23/2012 10:30	1/23/2012 10:48	1/23/2012 11:10	1/23/2012 11:15
1/24/2012 16:30	1/24/2012 16:40	1/24/2012 17:10	1/24/2012 17:30
1/30/2012 10:00	1/30/2012 10:18	1/30/2012 10:25	1/30/2012 10:45

Grease deposition (FOG)
Debris-General
Root intrusion
Grease deposition (FOG)
Root intrusion
Debris-General
Root intrusion
Debris-Rags
Root intrusion
Root intrusion
Root intrusion
Grease deposition (FOG)
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Debris-Rags
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Debris-Rags
Root intrusion
Root intrusion
Grease deposition (FOG)
Other (specify below)
Root intrusion
Debris-Rags
Debris-Rags
Root intrusion
Root intrusion
Grease deposition (FOG)
Grease deposition (FOG)
Debris-Rags
Debris-General
Root intrusion
Grease deposition (FOG)
Root intrusion
Debris-Rags
Root intrusion
Root intrusion
Grease deposition (FOG)
Root intrusion
Root intrusion

Unknown, after CCTV no appearant reasone for SSO. Assume gravel from broken water main that pushed into sewer pipe

Pipe is cast iron and has moderate tuburcolation which helped rags accumalate

[illegible]

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4
4 Clay
4 ACP
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4 ACP
4 ACP
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4 ACP
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3 HDPE
4 ACP
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3 HDPE
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4 Clay
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4 ACP
4 AVP
4 Plastic
4 ACP
4 ACP
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4 ACP
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4 ACP
4 CIP
4 Clay
4 ACP
4 ACP
3 HDPE
4
4 ACP
4 ACP
4 ACP
4
4 Plastic
4 Clay
4 Clay
4 Clay
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40

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30

[illegible]

2SSO10159	Active	776919 Greg Dawson	Certified
2SSO10159	Active	777480 Greg Dawson	Certified
2SSO10159	Active	777482 Greg Dawson	Certified
2SSO10159	Active	778205 Greg Dawson	Certified
2SSO10159	Active	778206 Greg Dawson	Certified
2SSO10159	Active	778207 Greg Dawson	Certified
2SSO10159	Active	778208 Greg Dawson	Certified
2SSO10159	Active	778209 Greg Dawson	Certified
2SSO10159	Active	778211 Greg Dawson	Certified
2SSO10159	Active	779229 Greg Dawson	Certified
2SSO10159	Active	779231 Greg Dawson	Certified
2SSO10159	Active	779232 Greg Dawson	Certified
2SSO10159	Active	779233 Greg Dawson	Certified
2SSO10159	Active	779235 Greg Dawson	Certified
2SSO10159	Active	779236 Greg Dawson	Certified
2SSO10159	Active	779237 Greg Dawson	Certified
2SSO10159	Active	779238 Greg Dawson	Certified
2SSO10159	Active	779239 Greg Dawson	Certified
2SSO10159	Active	779240 Greg Dawson	Certified
2SSO10159	Active	779241 Greg Dawson	Certified
2SSO10159	Active	779244 Greg Dawson	Certified
2SSO10159	Active	780693 Greg Dawson	Certified
2SSO10159	Active	780695 Greg Dawson	Certified
2SSO10159	Active	780696 Greg Dawson	Certified
2SSO10159	Active	780697 Greg Dawson	Certified
2SSO10159	Active	780698 Greg Dawson	Certified
2SSO10159	Active	780700 Greg Dawson	Certified
2SSO10159	Active	781365 Greg Dawson	Certified
2SSO10159	Active	781366 Greg Dawson	Certified
2SSO10159	Active	781704 Greg Dawson	Certified
2SSO10159	Active	781705 Greg Dawson	Certified
2SSO10159	Active	781706 Greg Dawson	Certified
2SSO10159	Active	781708 Greg Dawson	Certified
2SSO10159	Active	781709 Greg Dawson	Certified
2SSO10159	Active	781711 Greg Dawson	Certified
2SSO10159	Active	781712 Greg Dawson	Certified
2SSO10159	Active	781714 Greg Dawson	Certified
2SSO10159	Active	781716 Greg Dawson	Certified
2SSO10159	Active	782945 Greg Dawson	Certified
2SSO10159	Active	783267 Greg Dawson	Certified
2SSO10159	Active	783269 Greg Dawson	Certified
2SSO10159	Active	783272 Greg Dawson	Certified
2SSO10159	Active	783677 Greg Dawson	Certified
2SSO10159	Active	783866 Greg Dawson	Certified
2SSO10159	Active	784733 Greg Dawson	Certified
2SSO10159	Active	784735 Greg Dawson	Certified
2SSO10159	Active	784736 Greg Dawson	Certified
2SSO10159	Active	785801 Greg Dawson	Certified
2SSO10159	Active	785805 Greg Dawson	Certified
2SSO10159	Active	785806 Greg Dawson	Certified
2SSO10159	Active	785808 Greg Dawson	Certified
2SSO10159	Active	787231 Greg Dawson	Certified
2SSO10159	Active	787232 Greg Dawson	Certified
2SSO10159	Active	787233 Greg Dawson	Certified
2SSO10159	Active	787234 Greg Dawson	Certified

[illegible]

935 Hartle Ct	350699
935 Hartle Ct	614276
935 Hartle Ct	980523
935 Hartle Ct	239358
935 Hartle Ct	496273
935 Hartle Ct	799102
935 Hartle Ct	824002
935 Hartle Ct	362258
935 Hartle Ct	466151
935 Hartle Ct	453762
935 Hartle Ct	223122
935 Hartle Ct	557461
935 Hartle Ct	554651
935 Hartle Ct	860032
935 Hartle Ct	637357
935 Hartle Ct	100793
935 Hartle Ct	179113
935 Hartle Ct	160731
935 Hartle Ct	860908
935 Hartle Ct	888713
935 Hartle Ct	717516
935 Hartle Ct	985311
935 Hartle Ct	932848
District cleanout for lower lateral	195717
935 Hartle Ct	663029
935 Hartle Ct	527162
935 Hartle Ct	671864
935 Hartle Ct	530107
935 Hartle Ct	222200
935 Hartle Ct	421623
935 Hartle Ct	690325
935 Hartle Ct	893298
935 Hartle Ct	665708
935 Hartle Ct	462951
935 Hartle Ct	706756
935 Hartle Ct	406051
935 Hartle Ct	437783
District cleanout for lower lateral	631567
935 Hartle Ct	229346
935 Hartle Ct	199864
935 Hartle Ct	429658
935 Hartle Ct	356627
935 Hartle Ct	656863
935 Hartle Ct	315396
935 Hartle Ct	246059
935 Hartle Ct	674931
935 Hartle Ct	985870
935 Hartle Ct	310300
935 Hartle Ct	642074
935 Hartle Ct	131733
935 Hartle Ct	519272
935 Hartle Ct	871138
935 Hartle Ct	264151
935 Hartle Ct	749184
935 Hartle Ct	341887

ED 006495 00001076-03404

Category 3	2	0
Category 3	1	1
Category 3	2	2
Category 3	8	8
Category 3	2	2
Category 3	1	1
Category 3	1	1
Category 3	1	1
Category 3	1	1
Category 3	3	0
Category 3	1	1
Category 3	15	15
Category 3	3	0
Category 3	5	5
Category 3	15	15
Category 3	50	50
Category 3	600	0
Category 3	10	10
Category 3	3	0
Category 3	2	2
Category 3	1	1
Category 3	1	1
Category 3	2	2
Category 3	1	1
Category 3	1	1
Category 3	20	20
Category 3	5	5
Category 3	60	60
Category 3	50	50
Category 3	20	20
Category 3	3	3
Category 3	1	1
Category 3	1	1
Category 3	1	1
Category 3	1	1
Category 3	3	3
Category 3	5	5
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Category 3	1	1
Category 3	30	30
Category 3	1	1
Category 3	1	1
Category 3	5	5
Category 3	1	1
Category 3	1	1
Category 3	5	0
Category 3	3	3
Category 3	1	0
Category 3	5	5
Category 3	1	1
Category 3	1	1
Category 3	5	5

[illegible]

1624 Spruce
318 minahen
39 Bancal Ct
Thomas @ Delpha
1041 Central
1528 Pueblo
2163 W.Park
2032 W.Pueblo
1731 Sycamore
43 Julian
431 E.Berna
1234 Third St
1428 Brown
3310 Browns Valley Rd
2402 Colina Ct
Black Bear Soscol
673 Montecito
3739 Willis
118 First St
3368 Twin Oaks
1134 Shetler
1757 Tanen
2780 Massa
2182 S.Terrace
229 S.Hartson
271 Brown St
1757 Tanen St
246 Monte Vista Dr
Main @ Keller
712 Pueblo
40 Oakcrest
675 Lathrop
1071 Johnston
1027 Stonybrook
811 Jefferson
3708 Jefferson
1610 D St
3108 Hermosa
1831 Myrtle
1391 Rubicon
505 Franklin
3551 Jefferson Street
1406 Third
2830 Linda Vista
1406 Third
Silverado Country Club condos
2026 Main
2038 Janette
1861 Adrian
3212 Stuart Way
1660 Menlo
350 Aguirre
1136 Cayetano Ct
151 Randolph
2089 West F Street

38.28669	-122.29136 Napa
38.28579	-122.29965 Napa
38.28499	-122.29159 Napa
38.31381	-122.31313 Napa
38.31235	-122.29392 Napa
38.31524	-122.30136 Napa
38.3103	-122.31191 Napa
38.31403	-122.30897 Napa
38.28702	-122.29278 Napa
38.30061	-122.27156 Napa
38.30478	-122.26986 Napa
38.29693	-122.28639 Napa
38.30202	-122.28878 Napa
38.30565	-122.33187 Napa
38.28439	-122.30166 Napa
38.28554	-122.27531 Napa
38.30898	-122.26771 Napa
38.33086	-122.3027 Napa
38.30393	-122.27575 Napa
38.30177	-122.33708 Napa
38.28294	-122.26678 Napa
38.30641	-122.2863 Napa
38.30995	-122.31877 Napa
38.28079	-122.26894 Napa
38.28585	-122.29572 Napa
38.28997	-122.28514 Napa
38.30641	-122.2863 Napa
38.30283	-122.26054 Napa
38.31903	-122.29669 Napa
38.31807	-122.28594 Napa
38.31471	-122.27498 Napa
38.3145	-122.28576 Napa
38.30366	-122.31447 Napa
38.30635	-122.3445 Napa
38.29601	-122.29396 Napa
38.3293	-122.3048 Napa
38.30347	-122.29744 Napa
38.34004	-122.3208 Napa
38.31288	-122.30591 Napa
38.32381	-122.30218 Napa
38.29435	-122.28763 Napa
38.32575	-122.30279 Napa
38.29623	-122.28789 Napa
38.31112	-122.31557 Napa
38.29623	-122.28789 Napa
38.34774	-122.26712 Napa
38.30765	-122.29237 Napa
38.3166	-122.30947 Napa
38.30589	-122.29015 Napa
38.31971	-122.29978 Napa
38.31286	-122.30324 Napa
38.29587	-122.27148 Napa
38.28841	-122.26664 Napa
38.28856	-122.28838 Napa
38.30317	-122.30942 Napa

[illegible]

District cleanout for lower lateral
District cleanout for lower lateral
District cleanout for lower lateral

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District cleanout for lower lateral
District cleanout for lower lateral
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District cleanout for lower lateral

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District cleanout for lower lateral

[illegible]

Unpaved surface
Unpaved surface
Unpaved surface
Street/curb and gutter
Unpaved surface
Unpaved surface
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Unpaved surface
Unpaved surface
Street/curb and gutter
Unpaved surface
Street/curb and gutter
Unpaved surface
Street/curb and gutter;Unpaved surface
Street/curb and gutter;Unpaved surface
Separate storm drain;Street/curb and gutter
Unpaved surface
Street/curb and gutter;Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Street/curb and gutter
Street/curb and gutter
Unpaved surface
Unpaved surface
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Unpaved surface
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Separate storm drain;Street/curb and gutter
Unpaved surface
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Unpaved surface
Unpaved surface

District cleanout for lower lateral

Noticed paper around cleanout when arriving for Preventive Maintenance

Sand around cleanout was wet

2/6/2012 15:00	2/6/2012 15:20	2/6/2012 15:30	2/6/2012 15:45
2/9/2012 8:00	2/9/2012 8:22	2/9/2012 8:42	2/9/2012 8:50
2/14/2012 10:40	2/14/2012 10:50	2/14/2012 11:00	2/14/2012 11:15
2/17/2012 20:15	2/17/2012 20:27	2/17/2012 20:56	2/17/2012 21:20
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2/23/2012 16:30	2/23/2012 16:45	2/23/2012 17:10	2/23/2012 17:20
2/26/2012 11:29	2/26/2012 11:36	2/26/2012 12:15	2/26/2012 12:16
2/27/2012 8:00	2/27/2012 8:16	2/27/2012 8:40	2/27/2012 8:50
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3/2/2012 12:00	3/2/2012 12:26	3/2/2012 12:50	3/2/2012 13:00
3/5/2012 9:30	3/5/2012 9:44	3/5/2012 10:00	3/5/2012 10:10
3/7/2012 0:00	3/7/2012 0:00	3/7/2012 0:00	3/7/2012 0:00
3/8/2012 12:00	3/8/2012 12:18	3/8/2012 12:30	3/8/2012 12:40
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3/11/2012 20:30	3/11/2012 20:52	3/11/2012 21:15	3/11/2012 21:20
3/17/2012 10:45	3/17/2012 11:18	3/17/2012 11:45	3/17/2012 12:05
3/17/2012 12:00	3/19/2012 12:51	3/19/2012 13:00	3/19/2012 14:00
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8/8/2012 13:20	8/8/2012 13:50	8/8/2012 14:00	8/8/2012 14:30
8/10/2012 7:00	8/10/2012 11:40	8/10/2012 11:40	8/10/2012 11:41
8/20/2012 8:00	8/20/2012 8:43	8/20/2012 9:30	8/20/2012 9:45
8/24/2012 11:00	8/24/2012 11:28	8/24/2012 11:35	8/24/2012 11:40
9/3/2012 12:30	9/3/2012 13:11	9/3/2012 13:40	9/3/2012 13:41
9/4/2012 8:00	9/4/2012 8:19	9/4/2012 8:30	9/4/2012 8:40
9/4/2012 10:45	9/4/2012 11:09	9/4/2012 11:15	9/4/2012 11:25
9/6/2012 17:30	9/6/2012 17:58	9/6/2012 18:30	9/6/2012 18:35

Root intrusion
Root intrusion
Debris-Rags
Grease deposition (FOG)
Root intrusion
Root intrusion
Root intrusion
Debris-General
Root intrusion
Debris-Rags
Root intrusion
Grease deposition (FOG)
Debris-Rags
Root intrusion
Debris-Rags
Grease deposition (FOG)
Debris-Rags
Root intrusion
Root intrusion
Pipe structural problem/failure
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Debris-General
Grease deposition (FOG)
Root intrusion
Root intrusion
Grease deposition (FOG)
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Debris-Rags
Root intrusion
Root intrusion
Root intrusion
Pipe structural problem/failure
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Pipe structural problem/failure

Lateral was shattered next to water line repair

Offsets in line holding debris

Dried paper noticed during routine Preventive Maintenance

4 Clay
4 clay
4
7 HDPE
4 ACP
4 Clay
4 Clay
3 HDPE
4 Clay
4 PVC
4 CIPP
4 Clay
4 Clay
4 ACP
4 ACP
8 Clay
4 ACP
4 ACP
4 ACP
4 ACP
4 Clay
4 ACP
4
4
4 Clay
4 ACP
4 ACP
6 ACP
6 ACP
4 ACP
4 ACP
4 ACP
4 ACP
4 ACP
4 ACP
4 Clay
4 ACP
4 Clay
4 ACP
4 Plastic
4 ACP
4 ACP
4 ACP
4 various
4 ACP
4 Various
4 ACP
4 Clay
3 NiPak
4 ACP
4 ACP
4 Clay
4 ACP
4 Clay
4 Clay

30

35

10

60

60

15

50

55

60

35

60

50

65

60

14

45

40

45

55

60

40

60

50

60

45

NSD crew noticed paper around cleanout. Unknown time of blocage that self cleared. Ran and CCTVed line. Washed a

[illegible]

2SSO10159	Active	787235 Greg Dawson	Certified
2SSO10159	Active	787239 Greg Dawson	Certified
2SSO10159	Active	787240 Greg Dawson	Certified
2SSO10159	Active	787243 Greg Dawson	Certified
2SSO10159	Active	787246 Greg Dawson	Certified
2SSO10159	Active	787247 Greg Dawson	Certified
2SSO10159	Active	787248 Greg Dawson	Certified
2SSO10159	Active	787249 Greg Dawson	Certified
2SSO10159	Active	787250 Greg Dawson	Certified
2SSO10159	Active	787251 Greg Dawson	Certified
2SSO10159	Active	787253 Greg Dawson	Certified
2SSO10159	Active	787254 Greg Dawson	Certified
2SSO10159	Active	787255 Greg Dawson	Certified
2SSO10159	Active	787256 Greg Dawson	Certified
2SSO10159	Active	788005 Greg Dawson	Certified
2SSO10159	Active	788006 Greg Dawson	Certified
2SSO10159	Active	788008 Greg Dawson	Certified
2SSO10159	Active	788009 Greg Dawson	Certified
2SSO10159	Active	788011 Greg Dawson	Certified
2SSO10159	Active	788012 Greg Dawson	Certified
2SSO10159	Active	788013 Greg Dawson	Certified
2SSO10159	Active	788014 Greg Dawson	Certified
2SSO10159	Active	788218 Greg Dawson	Certified
2SSO10159	Active	788219 Greg Dawson	Certified
2SSO10159	Active	788252 Greg Dawson	Certified
2SSO10159	Active	788314 Greg Dawson	Certified
2SSO10159	Active	788665 Greg Dawson	Certified
2SSO10159	Active	788670 Greg Dawson	Certified
2SSO10159	Active	788672 Greg Dawson	Certified
2SSO10159	Active	788733 Greg Dawson	Certified
2SSO10159	Active	788836 Greg Dawson	Certified
2SSO10159	Active	788916 Greg Dawson	Certified
2SSO10159	Active	788942 Greg Dawson	Certified
2SSO10159	Active	789191 Greg Dawson	Certified
2SSO10159	Active	789192 Greg Dawson	Certified
2SSO10159	Active	789230 Greg Dawson	Certified
2SSO10159	Active	789289 Greg Dawson	Certified
2SSO10159	Active	789290 Greg Dawson	Certified
2SSO10159	Active	789461 Greg Dawson	Certified
2SSO10159	Active	789462 Greg Dawson	Certified
2SSO10159	Active	789493 Greg Dawson	Certified
2SSO10159	Active	789494 Greg Dawson	Certified
2SSO10159	Active	789533 Greg Dawson	Certified
2SSO10159	Active	789534 Greg Dawson	Certified
2SSO10159	Active	789573 Greg Dawson	Certified
2SSO10159	Active	789611 Greg Dawson	Certified
2SSO10159	Active	791131 Greg Dawson	Certified
2SSO10159	Active	791135 Greg Dawson	Certified
2SSO10159	Active	791137 Greg Dawson	Certified
2SSO10159	Active	791138 Greg Dawson	Certified
2SSO10159	Active	791139 Greg Dawson	Certified
2SSO10159	Active	791140 Greg Dawson	Certified
2SSO10159	Active	791142 Greg Dawson	Certified
2SSO10159	Active	791143 Greg Dawson	Certified
2SSO10159	Active	791144 Greg Dawson	Certified

935 Hartle Ct	500591
935 Hartle Ct	593351
935 Hartle Ct	750770
935 Hartle Ct	461850
935 Hartle Ct	360764
935 Hartle Ct	200491
935 Hartle Ct	580326
935 Hartle Ct	147010
935 Hartle Ct	585006
935 Hartle Ct	213398
935 Hartle Ct	381587
935 Hartle Ct	669409
935 Hartle Ct	845126
935 Hartle Ct	629957
935 Hartle Ct	527628
935 Hartle Ct	962528
935 Hartle Ct	532654
935 Hartle Ct	582102
935 Hartle Ct	269354
935 Hartle Ct	272359
935 Hartle Ct	984739
935 Hartle Ct	244579
935 Hartle Ct	896728
935 Hartle Ct	509663
935 Hartle Ct	169197
935 Hartle Ct	310490
935 Hartle Ct	553034
935 Hartle Ct	660136
935 Hartle Ct	514932
935 Hartle Ct	801259
935 Hartle Ct	776849
935 Hartle Ct	777625
935 Hartle Ct	403033
935 Hartle Ct	242631
935 Hartle Ct	155563
935 Hartle Ct	987376
935 Hartle Ct	467895
935 Hartle Ct	935431
935 Hartle Ct	963774
935 Hartle Ct	372089
935 Hartle Ct	850618
935 Hartle Ct	571496
Collection Systems Technician	526338
935 Hartle Ct	244835
935 Hartle Ct	724753
935 Hartle Ct	611954
935 Hartle Ct	489924
935 Hartle Ct	498085
935 Hartle Ct	663445
935 Hartle Ct	670433
935 Hartle Ct	183816
935 Hartle Ct	597421
935 Hartle Ct	423579
935 Hartle Ct	422273
935 Hartle Ct	913236

16-Oct-12	10/16/2012	16-Oct-12	10/16/2012
16-Oct-12	10/16/2012	16-Oct-12	10/16/2012
16-Oct-12	10/16/2012	16-Oct-12	10/16/2012
16-Oct-12	10/16/2012	16-Oct-12	10/16/2012
16-Oct-12	10/16/2012	16-Oct-12	10/16/2012
16-Oct-12	10/16/2012	16-Oct-12	10/16/2012
16-Oct-12	10/16/2012	16-Oct-12	10/16/2012
16-Oct-12	10/16/2012	16-Oct-12	10/16/2012
16-Oct-12	10/16/2012	16-Oct-12	10/16/2012
16-Oct-12	10/16/2012	16-Oct-12	10/16/2012
16-Oct-12	10/16/2012	16-Oct-12	10/16/2012
16-Oct-12	10/16/2012	16-Oct-12	10/16/2012
16-Oct-12	10/16/2012	16-Oct-12	10/16/2012
16-Oct-12	10/16/2012	16-Oct-12	10/16/2012
13-Nov-12	11/13/2012	13-Nov-12	11/13/2012
13-Nov-12	11/13/2012	13-Nov-12	11/13/2012
13-Nov-12	11/13/2012	13-Nov-12	11/13/2012
13-Nov-12	11/13/2012	13-Nov-12	11/13/2012
13-Nov-12	11/13/2012	13-Nov-12	11/13/2012
13-Nov-12	11/13/2012	13-Nov-12	11/13/2012
13-Nov-12	11/13/2012	13-Nov-12	11/13/2012
13-Nov-12	11/13/2012	13-Nov-12	11/13/2012
19-Nov-12	11/19/2012	19-Nov-12	11/19/2012
19-Nov-12	11/19/2012	19-Nov-12	11/19/2012
20-Nov-12	11/20/2012	20-Nov-12	11/20/2012
21-Nov-12	11/21/2012	21-Nov-12	11/21/2012
3-Dec-12	12/3/2012	3-Dec-12	12/3/2012
3-Dec-12	12/3/2012	3-Dec-12	12/3/2012
3-Dec-12	12/3/2012	3-Dec-12	12/3/2012
4-Dec-12	12/4/2012	4-Dec-12	12/4/2012
6-Dec-12	12/6/2012	6-Dec-12	12/6/2012
10-Dec-12	12/10/2012	10-Dec-12	12/10/2012
11-Dec-12	12/11/2012	11-Dec-12	12/11/2012
19-Dec-12	12/19/2012	19-Dec-12	12/19/2012
19-Dec-12	12/19/2012	19-Dec-12	12/19/2012
21-Dec-12	12/21/2012	21-Dec-12	12/21/2012
23-Dec-12	12/23/2012	27-Dec-12	12/27/2012
23-Dec-12	12/23/2012	27-Dec-12	12/27/2012
27-Dec-12	12/27/2012	27-Dec-12	12/27/2012
27-Dec-12	12/27/2012	27-Dec-12	12/27/2012
27-Dec-12	12/27/2012	27-Dec-12	12/27/2012
27-Dec-12	12/27/2012	27-Dec-12	12/27/2012
31-Dec-12	12/31/2012	31-Dec-12	12/31/2012
31-Dec-12	12/31/2012	31-Dec-12	12/31/2012
2-Jan-13	1/2/2013	2-Jan-13	1/2/2013
3-Jan-13	1/3/2013	3-Jan-13	1/3/2013
4-Feb-13	2/4/2013	4-Feb-13	2/4/2013
4-Feb-13	2/4/2013	4-Feb-13	2/4/2013
4-Feb-13	2/4/2013	4-Feb-13	2/4/2013
4-Feb-13	2/4/2013	4-Feb-13	2/4/2013
4-Feb-13	2/4/2013	4-Feb-13	2/4/2013
4-Feb-13	2/4/2013	4-Feb-13	2/4/2013
4-Feb-13	2/4/2013	4-Feb-13	2/4/2013
4-Feb-13	2/4/2013	4-Feb-13	2/4/2013
4-Feb-13	2/4/2013	4-Feb-13	2/4/2013

Category 3	1	1
Category 3	2	2
Category 3	5	5
Category 3	300	300
Category 3	1	1
Category 3	20	20
Category 3	3	3
Category 3	5	5
Category 3	2	2
Category 3	1	1
Category 3	1	1
Category 3	1	1
Category 3	1	1
Category 3	1	1
Category 3	1	1
Category 3	1	1
Category 3	1	1
Category 3	45	45
Category 3	2	2
Category 3	2	2
Category 3	1	1
Category 3	5	5
Category 3	15	15
Category 3	1	1
Category 3	2	2
Category 3	40	40
Category 1	5	0
Category 3	1	1
Category 3	1	1
Category 3	10	10
Category 3	2	2
Category 3	5	5
Category 3	2	2
Category 3	5	5
Category 3	1	1
Category 3	1	1
Category 1	600	0
Category 1	100	0
Category 3	2	2
Category 3	1	1
Category 3	5	5
Category 3	1	1
Category 3	5	5
Category 3	3	3
Category 3	1	1
Category 3	2	2
Category 3	3	3
Category 3	1	1
Category 3	10	10
Category 3	1	1
Category 3	1	1
Category 3	4	4
Category 3	2	2
Category 3	3	3
Category 3	50	50

0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	Yes
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
5 No	Yes
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
600 No	Yes
100 No	Yes
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	Yes

1559 Gordon
2409 Soscol
Graces Table
CMA Trancas
1233 Sierra
Trower @ Jefferson
1423 Sierra 1
1512 Trower
238 S.Seymour
2815 Carlos
3012 Donna
2455 MacLennan
909 Yount
1423 Sierra 2
1715 El Centro
1831 Myrtle
2520 Dorset
2214 Marin St
1561 BROWN ST
235 Randolph
4308 Dale
2274 Eva St
3229 Beard
2265 Brown
3736 Jefferson
4396 DALE DR
1582 East
2720 Idaho
3115 Encanto
1735 Central
2420 Redwood Rd
1022 Rowena
453 Mannering
2412 Yajome
1549 Noelle Way
2260 Adrian St
Browns Valley @ Mc Cormick
753 Jefferson
219 Roosevelt
25 Randolph
2312 Kathleen
421 E Berna
1514 Clay
2010 Ida Street
2533 Yajome
2402 Colina Ct
340 Pickwick
Small World Resturant
580 Madison
1125 Division St
3523 Glenbrook
940 Seymour
1088 Shetler
2132 W PARK
2452 Colina Court

38.33882	-122.3153 Napa
38.3153	-122.2855 Napa
38.30781	-122.24591 Napa
38.32408	-122.29223 Napa
38.3295	-122.30254 Napa
38.33291	-122.30842 Napa
38.32843	-122.30565 Napa
38.33283	-122.3089 Napa
38.28559	-122.29751 Napa
38.31047	-122.31792 Napa
38.31256	-122.3201 Napa
38.31564	-122.32013 Napa
38.3045	-122.28814 Napa
38.32843	-122.30565 Napa
38.34203	-122.29804 Napa
38.31288	-122.30591 Napa
38.28322	-122.3045 Napa
38.30698	-122.29986 Napa
38.30277	-122.28962 Napa
38.28986	-122.28794 Napa
38.33935	-122.31731 Napa
38.27914	-122.29518 Napa
38.32168	-122.2957 Napa
38.31014	-122.29518 Napa
38.33029	-122.30555 Napa
38.34135	-122.31838 Napa
38.31036	-122.27388 Napa
38.28711	-122.30819 Napa
38.34045	-122.32035 Napa
38.3106	-122.30377 Napa
38.31965	-122.31948 Napa
38.30632	-122.3373 Napa
38.2924	-122.30648 Napa
38.31349	-122.29201 Napa
38.31659	-122.31104 Napa
38.31036	-122.29223 Napa
38.30501	-122.33137 Napa
38.29563	-122.29389 Napa
38.29028	-122.30867 Napa
38.28684	-122.28901 Napa
38.31595	-122.31681 Napa
38.30495	-122.27006 Napa
38.2982	-122.29029 Napa
38.31067	-122.28605 Napa
38.31379	-122.29274 Napa
38.28463	-122.30177 Napa
38.28595	-122.30582 Napa
38.29828	-122.28661 Napa
38.29383	-122.2947 Napa
38.29508	-122.28362 Napa
38.30515	-122.34285 Napa
38.29759	-122.29689 Napa
38.28292	-122.26879 Napa
38.31108	-122.31126 Napa
38.28463	-122.30177 Napa

[illegible]

Signs of overflow noticed during Preventative Maintenance

Gravity sewer
Gravity sewer
Gravity sewer
Building or structure
Gravity sewer
Gravity sewer;Manhole
Gravity sewer
Gravity sewer
Gravity sewer
Gravity sewer
Gravity sewer
Gravity sewer
Gravity sewer
Gravity sewer
Gravity sewer
Gravity sewer
Gravity sewer
Gravity sewer
Gravity sewer
Gravity sewer
Gravity sewer
Gravity sewer
Gravity sewer
Gravity sewer
Gravity sewer
Gravity sewer
Gravity sewer;Manhole
Gravity sewer
Gravity sewer
Gravity sewer
Gravity sewer
Gravity sewer
Gravity sewer
Gravity sewer
Gravity sewer
Gravity sewer
Gravity sewer
Gravity sewer;Manhole
Gravity sewer;Other sewer system structure;Other (specify)
Gravity sewer
Gravity sewer
Gravity sewer
Gravity sewer
Gravity sewer
Gravity sewer
Gravity sewer
Gravity sewer
Gravity sewer
Gravity sewer
Gravity sewer
Gravity sewer
Gravity sewer
Gravity sewer
Gravity sewer
Gravity sewer
Gravity sewer

District cleanout for lower lateral
District cleanout for lower lateral
District cleanout for lower lateral
Basement of church
District cleanout for lower lateral

[illegible][illegible]

Appearance point was from water valve box in street

[illegible]

Washed down and vacuumed storm drain and returned all to sanitary sewer

Vacuumed and returned to sanitary sewer

cleaned and Vacuumed storm drain, returned to sanitary sewer

9/13/2012 5:00	9/13/2012 5:35	9/13/2012 6:00	9/13/2012 6:10
9/13/2012 8:00	9/13/2012 9:00	9/13/2012 9:00	9/13/2012 9:00
9/15/2012 8:30	9/15/2012 9:10	9/15/2012 9:20	9/15/2012 9:25
9/18/2012 14:30	9/18/2012 15:19	9/18/2012 15:46	9/18/2012 16:15
9/22/2012 7:00	9/22/2012 7:13	9/22/2012 7:25	9/22/2012 7:27
9/25/2012 10:45	9/25/2012 10:45	9/25/2012 10:45	9/25/2012 10:46
9/28/2012 16:00	9/28/2012 16:12	9/28/2012 16:35	9/28/2012 16:40
9/29/2012 15:20	9/29/2012 15:42	9/29/2012 16:05	9/29/2012 16:10
10/2/2012 11:00	10/2/2012 11:05	10/2/2012 11:10	10/2/2012 11:20
10/7/2012 10:15	10/7/2012 10:30	10/7/2012 11:15	10/7/2012 11:30
10/11/2012 11:00	10/11/2012 11:09	10/11/2012 11:20	10/11/2012 11:25
10/15/2012 12:00	10/15/2012 12:12	10/15/2012 12:30	10/15/2012 12:45
10/15/2012 15:00	10/15/2012 15:50	10/15/2012 17:20	10/15/2012 17:40
10/15/2012 19:30	10/15/2012 19:59	10/15/2012 20:25	10/15/2012 20:35
10/29/2012 15:15	10/29/2012 15:29	10/29/2012 15:40	10/29/2012 15:45
10/30/2012 8:00	10/30/2012 8:21	10/30/2012 8:24	10/30/2012 8:29
10/31/2012 14:00	10/31/2012 14:19	10/31/2012 14:50	10/31/2012 14:54
10/31/2012 15:00	10/31/2012 15:50	10/31/2012 16:08	10/31/2012 16:15
11/1/2012 16:30	11/1/2012 16:55	11/1/2012 17:13	11/1/2012 17:20
11/11/2012 8:45	11/11/2012 8:59	11/11/2012 9:18	11/11/2012 9:22
11/11/2012 16:30	11/11/2012 16:47	11/11/2012 17:04	11/11/2012 17:08
11/12/2012 23:00	11/12/2012 23:13	11/12/2012 23:29	11/12/2012 23:45
11/15/2012 12:00	11/15/2012 13:10	11/15/2012 13:20	11/15/2012 13:30
11/16/2012 10:30	11/16/2012 10:42	11/16/2012 11:00	11/16/2012 11:15
11/19/2012 8:25	11/19/2012 8:50	11/19/2012 8:55	11/19/2012 9:15
11/20/2012 10:00	11/20/2012 10:15	11/20/2012 10:25	11/20/2012 10:35
12/2/2012 7:45	12/2/2012 8:10	12/2/2012 8:20	12/2/2012 8:50
11/21/2012 13:01	11/21/2012 13:25	11/21/2012 13:30	11/21/2012 13:45
11/26/2012 14:45	11/26/2012 15:00	11/26/2012 15:15	11/26/2012 15:25
12/3/2012 15:30	12/3/2012 16:07	12/3/2012 16:15	12/3/2012 16:25
12/5/2012 11:30	12/5/2012 11:50	12/5/2012 12:30	12/5/2012 12:35
12/9/2012 12:00	12/9/2012 12:39	12/9/2012 12:57	12/9/2012 13:00
12/10/2012 16:00	12/10/2012 16:05	12/10/2012 16:30	12/10/2012 16:35
12/11/2012 17:15	12/11/2012 17:46	12/11/2012 18:22	12/11/2012 18:25
12/12/2012 11:00	12/12/2012 11:02	12/12/2012 11:25	12/12/2012 11:35
12/20/2012 17:15	12/20/2012 17:35	12/20/2012 18:05	12/20/2012 18:15
12/23/2012 12:25	12/23/2012 12:37	12/23/2012 13:00	12/23/2012 15:50
12/23/2012 12:00	12/23/2012 12:23	12/23/2012 13:00	12/23/2012 13:30
12/26/2012 8:00	12/26/2012 8:32	12/26/2012 8:40	12/26/2012 9:00
12/26/2012 9:00	12/26/2012 9:15	12/26/2012 10:00	12/26/2012 10:15
12/27/2012 10:00	12/27/2012 10:41	12/27/2012 11:00	12/27/2012 11:15
12/27/2012 12:00	12/27/2012 12:40	12/27/2012 12:50	12/27/2012 13:15
12/28/2012 12:30	12/28/2012 12:54	12/28/2012 13:15	12/28/2012 13:25
12/28/2012 16:15	12/30/2012 14:28	12/30/2012 15:00	12/30/2012 15:15
12/31/2012 13:00	12/31/2012 13:09	12/31/2012 13:25	12/31/2012 13:30
1/2/2013 22:30	1/2/2013 22:47	1/2/2013 23:00	1/2/2013 23:15
1/13/2013 11:00	1/13/2013 11:14	1/13/2013 11:30	1/13/2013 11:35
1/14/2013 14:00	1/14/2013 14:15	1/14/2013 14:30	1/14/2013 14:35
1/15/2013 9:00	1/15/2013 9:45	1/15/2013 10:15	1/15/2013 10:25
1/17/2013 14:15	1/17/2013 14:31	1/17/2013 15:15	1/17/2013 15:20
1/28/2013 11:45	1/28/2013 11:55	1/28/2013 12:10	1/28/2013 12:29
1/28/2013 14:20	1/28/2013 14:30	1/28/2013 14:45	1/28/2013 15:00
2/1/2013 12:00	2/1/2013 12:07	2/1/2013 13:40	2/1/2013 13:45
2/2/2013 7:30	2/2/2013 7:57	2/2/2013 8:15	2/2/2013 8:30
2/2/2013 15:00	2/2/2013 15:56	2/2/2013 16:15	2/2/2013 16:45

Root intrusion
Root intrusion
Debris-General
Grease deposition (FOG)
Root intrusion
Other (specify below)
Root intrusion
Pipe structural problem/failure
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Debris-General
Root intrusion
Root intrusion
Grease deposition (FOG)
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Debris-General
Root intrusion
Debris-General
Root intrusion
Root intrusion
Debris-Rags
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Flow exceeded capacity (Separate CS Only)
Debris-General
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Debris-General
Debris-General
Grease deposition (FOG)
Grease deposition (FOG)
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Root intrusion
Vandalism

Suspected flushed cell phone

Too much debris accumulated during main line cleaning operations

Root intrusion at joint of cleanout

Offset joint

Rocks were inserted through cleanout

4 ACP
4 ACP
4
14 ACP
4 ACP

3 HDPE
4 ACP
4 Clay
4 ACP
4 ACP
4 ACP
4 clay
3 HDPE
4 ACP
6 Clay
3 HDPE
4 Clay
4 ACP
4 CIP
4 ACP
4 Clay
4 ACP
4 Clau
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4 ACP
6 ACP
4 ACP
4 ACP
4 ACP
4 ACP
4 ACP
4 Clay
4 Clay
3 HDPE
4 CIP
10 ACP
8 Clay
4 Concrete
4 Clay
4 ACP
4
4 Clay
4 ACP
4 Clay
6 ACP
3 HDPE
4 CIP
4 ACP
4 ACP
4 ACP
4 CIP
4 ACP
4 Various
4 ACP

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65
40

Returned all sewage down floor drain to sewer and had basement professionally cleaned and sanitized

Unable to recover spill due to rain and proximity to storm drain

Located spill during Preventive Maintenance

12/2/2012 9:50

12/23/2012 16:20
12/23/2012 14:00

Adjusted schedule/method of preventive maintenance

Plan rehabilitation or replacement of sewer
Plan rehabilitation or replacement of sewer

No

No
Yes

No

No
No

None

[illegible]

No water quality samples taken;Not applicable to this spill

No water quality samples taken
No water quality samples taken

No water quality samples taken;Not applicable to this spill

No water quality samples taken
No water quality samples taken

127302	12/2/2012 10:20
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127849	12/23/2012 16:28
127848	12/23/2012 16:20

2SSO10159	Active	791145 Greg Dawson	Certified
2SSO10159	Active	791261 Greg Dawson	Certified
2SSO10159	Active	791283 Greg Dawson	Certified
2SSO10159	Active	791654 Greg Dawson	Certified
2SSO10159	Active	791655 Greg Dawson	Certified
2SSO10159	Active	791772 Greg Dawson	Certified
2SSO10159	Active	791773 Greg Dawson	Certified
2SSO10159	Active	791816 Greg Dawson	Certified
2SSO10159	Active	791817 Greg Dawson	Certified
2SSO10159	Active	791870 Greg Dawson	Certified
2SSO10159	Active	792002 Greg Dawson	Certified
2SSO10159	Active	792004 Greg Dawson	Certified
2SSO10159	Active	792352 Greg Dawson	Certified
2SSO10159	Active	792353 Greg Dawson	Certified
2SSO10159	Active	792515 Greg Dawson	Certified
2SSO10159	Active	792517 Greg Dawson	Certified
2SSO10159	Active	792763 Greg Dawson	Certified
2SSO10159	Active	792866 Greg Dawson	Certified
2SSO10159	Active	793089 Greg Dawson	Certified
2SSO10159	Active	793551 Greg Dawson	Certified
2SSO10159	Active	793574 Greg Dawson	Certified
2SSO10159	Active	793575 Greg Dawson	Certified
2SSO10159	Active	793642 Greg Dawson	Certified
2SSO10159	Active	793770 Greg Dawson	Certified
2SSO10159	Active	794217 Greg Dawson	Certified
2SSO10159	Active	794219 Greg Dawson	Certified
2SSO10159	Active	794310 Greg Dawson	Certified
2SSO10159	Active	794423 Greg Dawson	Certified
2SSO10159	Active	794425 Greg Dawson	Certified
2SSO10159	Active	794506 Greg Dawson	Certified
2SSO10159	Active	794548 Greg Dawson	Certified
2SSO10159	Active	794772 Greg Dawson	Certified
2SSO10159	Active	794773 Greg Dawson	Certified
2SSO10159	Active	795538 Greg Dawson	Certified
2SSO10159	Active	796690 Todd Herrick	Certified
2SSO10159	Active	796692 Todd Herrick	Certified
2SSO10159	Active	797355 Greg Dawson	Certified
2SSO10159	Active	797356 Greg Dawson	Certified
2SSO10159	Active	797358 Greg Dawson	Certified
2SSO10159	Active	797359 Greg Dawson	Certified
2SSO10159	Active	797361 Greg Dawson	Certified
2SSO10159	Active	797362 Greg Dawson	Certified
2SSO10159	Active	797364 Greg Dawson	Certified
2SSO10159	Active	797489 Greg Dawson	Certified
2SSO10159	Active	797525 Greg Dawson	Certified
2SSO10159	Active	797828 Greg Dawson	Certified
2SSO10159	Active	797829 Greg Dawson	Certified
2SSO10159	Active	798524 Greg Dawson	Certified
2SSO10159	Active	798526 Greg Dawson	Certified
2SSO10159	Active	798527 Greg Dawson	Certified
2SSO10159	Active	798674 Greg Dawson	Certified
2SSO10159	Active	798675 Greg Dawson	Certified
2SSO10159	Active	798676 Greg Dawson	Certified
2SSO10159	Active	798677 Greg Dawson	Certified
2SSO10159	Active	798680 Greg Dawson	Certified

[illegible]

935 Hartle Ct	845968
935 Hartle Ct	222590
935 Hartle Ct	923573
935 Hartle Ct	534277
935 Hartle Ct	142527
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935 Hartle Ct	478134
935 Hartle Ct	494994
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935 Hartle Ct	682308
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935 Hartle Ct	556350
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935 Hartle Ct	996642
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935 Hartle Ct	953896
935 Hartle Ct	195268
935 Hartle Ct	722134
935 Hartle Ct	406519
935 Hartle Ct	871399
935 Hartle Ct	738983
935 Hartle Ct	892859
935 Hartle Ct	242170
1515 Soscol Ferry Rd	350104
1515 Soscol Ferry Road	153614
1515 Soscol Ferry Road	422614
1515 Soscol Ferry Rd	310473
1515 Soscol Ferry Rd	145876
1515 Soscol Ferry Rd	171662
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1515 Soscol Ferry Rd	773307
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1515 Soscol Ferry Rd	683268
1515 Soscol Ferry Rd	918362
1515 Soscol Ferry Rd	972312
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1515 Soscol Ferry Rd	282207
1515 Soscol Ferry Rd	954404
1515 Soscol Ferry Rd	844516
1515 Soscol Ferry Rd	534993
1515 Soscol Ferry Rd	349196
1515 Soscol Ferry Rd	759292
1515 Soscol Ferry Rd	234980
1515 Soscol Ferry Rd	112101

4-Feb-13	2/4/2013	4-Feb-13	2/4/2013
6-Feb-13	2/6/2013	6-Feb-13	2/6/2013
6-Feb-13	2/6/2013	6-Feb-13	2/6/2013
14-Feb-13	2/14/2013	14-Feb-13	2/14/2013
14-Feb-13	2/14/2013	14-Feb-13	2/14/2013
19-Feb-13	2/19/2013	19-Feb-13	2/19/2013
19-Feb-13	2/19/2013	19-Feb-13	2/19/2013
19-Feb-13	2/19/2013	19-Feb-13	2/19/2013
19-Feb-13	2/19/2013	19-Feb-13	2/19/2013
21-Feb-13	2/21/2013	21-Feb-13	2/21/2013
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25-Feb-13	2/25/2013	25-Feb-13	2/25/2013
5-Mar-13	3/5/2013	5-Mar-13	3/5/2013
5-Mar-13	3/5/2013	5-Mar-13	3/5/2013
11-Mar-13	3/11/2013	11-Mar-13	3/11/2013
11-Mar-13	3/11/2013	11-Mar-13	3/11/2013
20-Mar-13	3/20/2013	20-Mar-13	3/20/2013
25-Mar-13	3/25/2013	25-Mar-13	3/25/2013
1-Apr-13	4/1/2013	1-Apr-13	4/1/2013
22-Apr-13	4/22/2013	22-Apr-13	4/22/2013
23-Apr-13	4/23/2013	23-Apr-13	4/23/2013
23-Apr-13	4/23/2013	23-Apr-13	4/23/2013
25-Apr-13	4/25/2013	25-Apr-13	4/25/2013
1-May-13	5/1/2013	1-May-13	5/1/2013
16-May-13	5/16/2013	16-May-13	5/16/2013
16-May-13	5/16/2013	16-May-13	5/16/2013
21-May-13	5/21/2013	21-May-13	5/21/2013
23-May-13	5/23/2013	23-May-13	5/23/2013
23-May-13	5/23/2013	23-May-13	5/23/2013
28-May-13	5/28/2013	28-May-13	5/28/2013
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11-Jul-13	7/11/2013	11-Jul-13	7/11/2013
11-Jul-13	7/11/2013	11-Jul-13	7/11/2013
30-Jul-13	7/30/2013	30-Jul-13	7/30/2013
30-Jul-13	7/30/2013	30-Jul-13	7/30/2013
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13-Aug-13	8/13/2013	13-Aug-13	8/13/2013
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5-Sep-13	9/5/2013	5-Sep-13	9/5/2013
5-Sep-13	9/5/2013	5-Sep-13	9/5/2013
5-Sep-13	9/5/2013	5-Sep-13	9/5/2013
11-Sep-13	9/11/2013	11-Sep-13	9/11/2013
11-Sep-13	9/11/2013	11-Sep-13	9/11/2013
11-Sep-13	9/11/2013	11-Sep-13	9/11/2013
11-Sep-13	9/11/2013	11-Sep-13	9/11/2013
11-Sep-13	9/11/2013	11-Sep-13	9/11/2013

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Category 3		3	3
Category 3		1	1
Category 3		30	30
Category 3		5	5
Category 3		1	1
Category 3		2	2
Category 3		3	3
Category 3		2	2
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Category 3		1	1
Category 3		3	3
Category 3		10	10
Category 3		5	5
Category 3		3	3
Category 3		1	1
Category 3		2	2
Category 3		20	20
Category 3		2	2
Category 3		2	2
Category 3		1	1
Category 3		2	2
Category 3		1	1
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Category 3		10	10
Category 3		746	375
Category 3		1	1
Category 3		1	1
Category 3		1	1
Category 3		100	65
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Category 3	2	2	2
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Category 3	3	3	3

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4145 Fairfax
3340 Twin Oaks
4406 Summerfield
1718 York
1133 Eggleston
10 Abbey Court
1025 Pine
1510 Juanita Court
2010 W Lincoln
18 Bonita
614 Montecito
1341 Menlo
1002 Wyatt
2086 Shurtleff
2815 CARLOS
2446 MACLEAN ST
1053 Round Hill Circle
3261 Piedmont
670 Lincoln
2047 W F ST
2500 INDIANA
2470 MERCED ST
510 S JEFFERSON ST
2047 W F ST #2
26 VILLAGE PARKWAY
356 BROWN ST
1003 SHETLER AVE
2500 INDIANA ST NAPA CA 94558
2585 ADRIAN ST NAPA CA 94558
313 FRANKLIN
2110 EUCLID AVE
4406 SUMMERFIELD Dr
2570 MERCED ST
573 PATCHETT ST NAPA CA 94559
2900 Hillcrest
1710 Spruce Street
2320 Oak St
48 QUEENS CT NAPA CA 94558
WYATT RD NAPA CA 94559
2165 MARSHALL AV NAPA CA 94559
1528 PUEBLO AV NAPA CA 94558
1691 KING AV NAPA CA 94559
11 GLEN CT NAPA CA 94558
1234 3RD ST NAPA CA 94559
1531 MENLO AV NAPA CA 94558
520 FOOTHILL BV NAPA CA 94558
2050 BROWN ST NAPA CA 94559
1861 ADRIAN ST NAPA CA 94559
Economy Market
573 PATCHETT ST NAPA CA 94559
2038 W LINCOLN AV NAPA CA 94558
2110 IMOLA AV NAPA CA 94559
1418 A ST NAPA CA 94559
2120 LERNHART ST NAPA CA 94559
3561 DOVER ST NAPA CA 94558

38.33064	-122.3247 Napa
38.30028	-122.33642 Napa
38.34416	-122.31294 Napa
38.30293	-122.29669 Napa
38.30242	-122.2914 Napa
38.31076	-122.32841 Napa
38.28982	-122.28407 Napa
38.2869	-122.25744 Napa
38.30702	-122.30662 Napa
38.30123	-122.27167 Napa
38.30437	-122.26361 Napa
38.3133	-122.29798 Napa
38.29168	-122.26913 Napa
38.2864	-122.2633 Napa
38.31047	-122.31792 Napa
38.31836	-122.32036 Napa
38.30315	-122.33763 Napa
38.32195	-122.29761 Napa
38.31056	-122.28317 Napa
38.30296	-122.30706 Napa
38.28471	-122.30416 Napa
38.30852	-122.30317 Napa
38.28292	-122.29348 Napa
38.30296	-122.30706 Napa
38.27959	-122.30541 Napa
38.29096	-122.28406 Napa
38.28211	-122.27312 Napa
38.28471	-122.30416 Napa
38.31433	-122.29408 Napa
38.29136	-122.28871 Napa
38.31016	-122.30972 Napa
38.34416	-122.31294 Napa
38.31025	-122.30367 Napa
38.29386	-122.29628 Napa
38.35189	-122.25441 Napa
38.28669	-122.29234 Napa
38.29577	-122.29921 Napa
38.30578	-122.31728 Napa
38.29159	-122.26734 Napa
38.28141	-122.26666 Napa
38.31508	-122.30139 Napa
38.31025	-122.27136 Napa
38.31339	-122.31986 Napa
38.29691	-122.28653 Napa
38.31294	-122.30111 Napa
38.29317	-122.31002 Napa
38.30762	-122.29333 Napa
38.30589	-122.29015 Napa
38.28041	-122.26778 Napa
38.29386	-122.29628 Napa
38.30684	-122.30743 Napa
38.28018	-122.25638 Napa
38.30142	-122.29522 Napa
38.28398	-122.29748 Napa
38.32127	-122.31694 Napa

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Building or structure; Gravity sewer; Manhole
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Lateral Clean Out (Public); Lower Lateral (Pu
Lateral Clean Out (Public); Lower Lateral (Pu
Lateral Clean Out (Public); Lower Lateral (Pu
Lateral Clean Out (Public); Lower Lateral (P

[illegible]

2/2/2013 9:15	2/2/2013 9:35	2/2/2013 9:45	2/2/2013 10:00
2/4/2013 13:30	2/4/2013 14:04	2/4/2013 14:15	2/4/2013 14:30
2/5/2013 9:15	2/5/2013 9:35	2/5/2013 9:45	2/5/2013 10:00
2/12/2013 8:30	2/12/2013 8:57	2/12/2013 9:25	2/12/2013 9:45
2/13/2013 9:00	2/13/2013 9:33	2/13/2013 9:45	2/13/2013 9:50
2/16/2013 8:00	2/16/2013 9:58	2/16/2013 10:40	2/16/2013 10:55
2/17/2013 13:00	2/17/2013 13:20	2/17/2013 13:50	2/17/2013 13:55
2/15/2013 11:00	2/15/2013 11:29	2/15/2013 11:45	2/15/2013 11:50
2/15/2013 14:30	2/15/2013 14:45	2/15/2013 14:50	2/15/2013 15:00
2/20/2013 15:00	2/20/2013 16:02	2/20/2013 16:15	2/20/2013 16:30
2/21/2013 14:00	2/21/2013 14:41	2/21/2013 15:05	2/21/2013 15:15
2/23/2013 15:30	2/23/2013 15:55	2/23/2013 16:15	2/23/2013 16:20
3/2/2013 8:00	3/2/2013 15:55	3/2/2013 16:15	3/2/2013 16:20
3/4/2013 12:00	3/4/2013 14:10	3/4/2013 14:15	3/4/2013 14:40
3/9/2013 9:00	3/9/2013 9:21	3/9/2013 9:51	3/9/2013 9:55
3/9/2013 17:00	3/9/2013 17:28	3/9/2013 17:40	3/9/2013 17:45
3/15/2013 7:30	3/15/2013 8:19	3/15/2013 8:38	3/15/2013 8:40
3/24/2013 14:00	3/24/2013 14:23	3/24/2013 14:35	3/24/2013 14:40
3/27/2013 13:30	3/27/2013 14:00	3/27/2013 14:15	3/27/2013 14:30
4/20/2013 18:30	4/20/2013 18:55	4/20/2013 19:10	4/20/2013 19:15
4/22/2013 10:45	4/22/2013 11:04	4/22/2013 11:40	4/22/2013 11:45
4/22/2013 16:00	4/22/2013 16:19	4/22/2013 16:35	4/22/2013 16:40
4/23/2013 7:00	4/23/2013 7:34	4/23/2013 8:10	4/23/2013 8:15
4/30/2013 18:30	4/30/2013 18:58	4/30/2013 19:25	4/30/2013 21:30
5/9/2013 11:20	5/9/2013 11:40	5/9/2013 11:50	5/9/2013 12:00
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5/22/2013 8:00	5/22/2013 8:25	5/22/2013 8:40	5/22/2013 8:45
5/22/2013 11:50	5/22/2013 12:00	5/22/2013 12:30	5/22/2013 12:35
5/24/2013 8:00	5/24/2013 8:22	5/24/2013 8:30	5/24/2013 8:45
5/29/2013 8:30	5/29/2013 8:50	5/29/2013 9:05	5/29/2013 9:10
6/4/2013 10:00	6/4/2013 10:11	6/4/2013 10:20	6/4/2013 10:30
6/4/2013 13:00	6/4/2013 13:11	6/4/2013 13:20	6/4/2013 13:30
6/6/2013 8:00	6/6/2013 9:10	6/6/2013 9:20	6/6/2013 9:30
6/30/2013 19:00	6/30/2013 19:49	6/30/2013 20:17	6/30/2013 21:24
7/1/2013 13:00	7/1/2013 13:42	7/1/2013 13:55	7/1/2013 14:00
7/5/2013 11:00	7/5/2013 11:40	7/5/2013 12:00	7/5/2013 12:05
7/5/2013 18:30	7/5/2013 19:00	7/5/2013 19:15	7/5/2013 19:20
7/11/2013 17:20	7/11/2013 17:53	7/11/2013 18:05	7/11/2013 18:20
7/6/2013 15:30	7/6/2013 15:54	7/6/2013 16:14	7/6/2013 16:20
7/7/2013 17:30	7/7/2013 17:52	7/7/2013 18:15	7/7/2013 18:20
7/23/2013 7:00	7/23/2013 8:23	7/23/2013 9:15	7/23/2013 9:30
7/29/2013 8:45	7/29/2013 9:05	7/29/2013 10:15	7/29/2013 10:30
8/1/2013 22:00	8/1/2013 22:28	8/1/2013 22:40	8/1/2013 23:15
8/2/2013 13:00	8/2/2013 13:55	8/2/2013 14:10	8/2/2013 14:20
8/12/2013 10:29	8/12/2013 10:55	8/12/2013 11:00	8/12/2013 11:05
8/12/2013 12:29	8/12/2013 12:47	8/12/2013 16:10	8/12/2013 16:15
8/14/2013 8:30	8/14/2013 8:46	8/14/2013 9:00	8/14/2013 9:05
8/17/2013 12:00	8/17/2013 12:48	8/17/2013 14:15	8/17/2013 14:25
8/19/2013 20:30	8/19/2013 20:56	8/19/2013 21:20	8/19/2013 21:30
8/20/2013 8:30	8/20/2013 9:12	8/20/2013 10:40	8/20/2013 10:52
8/22/2013 7:00	8/22/2013 7:32	8/22/2013 7:50	8/22/2013 8:05
8/23/2013 16:00	8/23/2013 16:39	8/23/2013 17:20	8/23/2013 17:25
8/24/2013 9:29	8/24/2013 9:55	8/24/2013 10:50	8/24/2013 11:05
8/26/2013 7:00	8/26/2013 7:49	8/26/2013 8:28	8/26/2013 8:30

Root intrusion
Root intrusion
Debri-Rags
Root intrusion
Root intrusion
Debri-General
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Debri-General
Debri-General
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Debri-General
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Pipe structural problem/failure
Pipe structural problem/failure
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Debri-General
Root intrusion
Pipe structural problem/failure
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Debri-Rags
Root intrusion
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Root intrusion
Root intrusion
Debri-General
Root intrusion
Other (specify below)
Root intrusion
Root intrusion
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Root intrusion
Debri-Rags
Debri-General
Root intrusion
Root intrusion
Root intrusion
Pipe structural problem/failure
Pipe structural problem/failure
Root Intrusion
Root Intrusion
Debris-General
Root Intrusion
Root Intrusion

Offset in pipe
Offset in pipe

Pipe offset at coupling

Water installation contractor dug through sanitary sewer main in two places.

Lower Lateral
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Main
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Lower Lateral (Public)

No
No
No
No
No

4 ACP
4 ACP
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4 Clay
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4 Plastic
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4 CIPP
4 CIPP
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4 CIPP
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4 ACP
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6 Clay
3 HDPE
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4 CIP
6 Concrete
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4 Clay
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4 ACP

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70
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65

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45

50
45

Vacuumed and returned spill and wash up to sanitary sewer
Vacuumed spill and wash water and returned to sanitary sewer

Vacuumed and returned to sanitary sewer

Vacuumed spill and wash water and returned to sanitary sewer

Used combination jetter/vacuum trucks to clean main and open obstructions.

[illegible]

Greg Dawson Collection Systems
Greg Dawson Collection Systems
Greg Dawson Collection Systems
Greg Dawson Collection Systems
Greg Dawson Collection Systems

7072586000
(707)258-6000
(707)258-6000 x525
(707)258-6000 x525
(707)258-6000 x525

2SSO10159	Active	798681 Greg Dawson	Certified
2SSO10159	Active	798682 Greg Dawson	Certified
2SSO10159	Active	798684 Greg Dawson	Certified
2SSO10159	Active	798685 Greg Dawson	Certified
2SSO10159	Active	798686 Greg Dawson	Certified
2SSO10159	Active	799618 Greg Dawson	Certified
2SSO10159	Active	799620 Greg Dawson	Certified
2SSO10159	Active	799622 Greg Dawson	Certified
2SSO10159	Active	799623 Greg Dawson	Certified
2SSO10159	Active	799624 Greg Dawson	Certified
2SSO10159	Active	799626 Greg Dawson	Certified
2SSO10159	Active	799628 Greg Dawson	Certified
2SSO10159	Active	799629 Greg Dawson	Certified
2SSO10159	Active	799630 Greg Dawson	Certified
2SSO10159	Active	799631 Greg Dawson	Certified
2SSO10159	Active	799632 Greg Dawson	Certified
2SSO10159	Active	800678 Greg Dawson	Certified
2SSO10159	Active	800679 Greg Dawson	Certified
2SSO10159	Active	800680 Greg Dawson	Certified
2SSO10159	Active	800682 Greg Dawson	Certified
2SSO10159	Active	800684 Greg Dawson	Certified
2SSO10159	Active	800685 Greg Dawson	Certified
2SSO10159	Active	800686 Greg Dawson	Certified
2SSO10159	Active	800689 Greg Dawson	Certified
2SSO10159	Active	800690 Greg Dawson	Certified
2SSO10159	Active	800691 Greg Dawson	Certified
2SSO10159	Active	800692 Greg Dawson	Certified
2SSO10159	Active	800693 Greg Dawson	Certified
2SSO10159	Active	800699 Greg Dawson	Certified
2SSO10159	Active	800866 Greg Dawson	Certified
2SSO10159	Active	800868 Greg Dawson	Certified
2SSO10159	Active	800869 Greg Dawson	Certified
2SSO10159	Active	800870 Greg Dawson	Certified
2SSO10160	Active	654046 Brian Ullensvang	Certified
2SSO10160	Active	657547 Brian Ullensvang	Certified
2SSO10160	Active	706779 Brian Ullensvang	Certified
2SSO10160	Active	707944 Brian Ullensvang	Certified
2SSO10160	Active	707950 Brian Ullensvang	Certified
2SSO10160	Active	712149 Brian Ullensvang	Certified
2SSO10160	Active	724506 Brian Ullensvang	Certified
2SSO10160	Active	729092 Brian Ullensvang	Certified
2SSO10160	Active	742534 Brian Ullensvang	Certified
2SSO10160	Active	742541 Brian Ullensvang	Certified
2SSO10160	Active	744534 Brian Ullensvang	Certified
2SSO10160	Active	776283 Brian Ullensvang	Certified
2SSO10160	Active	776289 Brian Ullensvang	Certified
2SSO10160	Active	776290 Brian Ullensvang	Certified
2SSO10160	Active	776291 Brian Ullensvang	Certified
2SSO10160	Active	784838 Brian Ullensvang	Certified
2SSO10160	Active	788831 Brian Ullensvang	Certified
2SSO10160	Active	789006 Brian Ullensvang	Certified
2SSO10160	Active	793192 Brian Ullensvang	Certified
2SSO10160	Active	793909 Brian Ullensvang	Certified
2SSO10160	Active	796769 Brian Ullensvang	Certified
2SSO10160	Active	798937 Brian Ullensvang	Certified

Collection Systems Technician
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Chf, Env & Safety Programs
Chief, Environmental & Safety Programs Office, GGNRA
Environmental & Safety Programs Manager
Environmental Programs Manager
Environmental Programs Manager
Manager, Environmental & Safety Programs
Chief, Env. & Safety Programs Office, GGNRA
Chief, Environmental and Safety Programs Office
Chief Env & Safety Programs Office
Chief Env & Safety Programs Office
Chief, Env & Safety Programs Office
Chief, Environmental & Safety Programs Office
Chief, Environmental & Safety Programs Office
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Chief, Env & Safety Programs
Chief, Env & Safety Programs

1515 Soscol Ferry Rd	577771
1515 Soscol Ferry Rd	600706
1515 Soscol Ferry Rd	466196
1515 Soscol Ferry Rd	588030
1515 Soscol Ferry Rd	111140
1515 Soscol Ferry Rd	907361
1515 Soscol Ferry Rd	383317
1515 Soscol Ferry Rd	582606
1515 Soscol Ferry Rd	141358
1515 Soscol Ferry Rd	829208
1515 Soscol Ferry Rd	891997
1515 Soscol Ferry Rd	707581
1515 Soscol Ferry Rd	637344
1515 Soscol Ferry Rd	640469
1515 Soscol Ferry Rd	790166
1515 Soscol Ferry Rd	560305
1515 Soscol Ferry Rd	274041
1515 Soscol Ferry Rd	666951
1515 Soscol Ferry Rd	220376
1515 Soscol Ferry Rd	499264
1515 Soscol Ferry Rd	267797
1515 Soscol Ferry Rd	539639
1515 Soscol Ferry Rd	579935
1515 Soscol Ferry Rd	919679
1515 Soscol Ferry Rd	951762
1515 Soscol Ferry Rd	138277
1515 Soscol Ferry Rd	685288
1515 Soscol Ferry Rd	785653
1515 Soscol Ferry Rd	595757
1515 Soscol Ferry Rd	693036
1515 Soscol Ferry Rd	448716
1515 Soscol Ferry Rd	519869
1515 Soscol Ferry Rd	403625
San Francisco, CA	744518
	17:20 557159
San Francisco	705477
San Francisco, CA	531119
San Francisco, CA	693785
San Francisco	873281
San Francisco	165642
San Francisco	716789
San Francisco	961847
San Francisco	679382
San Francisco CA	114718
San Francisco	489437
San Francisco	193968
San Francisco	690573
San Francisco	863059
San Francisco	379930
San Francisco	388007
San Francisco, CA	263585
San Francisco	225138
San Francisco	155740
San Francisco	836448
San Francisco CA	533382

11-Sep-13	9/11/2013	11-Sep-13	9/11/2013
11-Sep-13	9/11/2013	11-Sep-13	9/11/2013
11-Sep-13	9/11/2013	11-Sep-13	9/11/2013
11-Sep-13	9/11/2013	11-Sep-13	9/11/2013
11-Sep-13	9/11/2013	11-Sep-13	9/11/2013
10-Oct-13	10/10/2013	10-Oct-13	10/10/2013
10-Oct-13	10/10/2013	10-Oct-13	10/10/2013
10-Oct-13	10/10/2013	10-Oct-13	10/10/2013
10-Oct-13	10/10/2013	10-Oct-13	10/10/2013
10-Oct-13	10/10/2013	10-Oct-13	10/10/2013
10-Oct-13	10/10/2013	10-Oct-13	10/10/2013
10-Oct-13	10/10/2013	10-Oct-13	10/10/2013
10-Oct-13	10/10/2013	10-Oct-13	10/10/2013
10-Oct-13	10/10/2013	10-Oct-13	10/10/2013
10-Oct-13	10/10/2013	10-Oct-13	10/10/2013
10-Oct-13	10/10/2013	10-Oct-13	10/10/2013
10-Oct-13	10/10/2013	10-Oct-13	11/5/2013
12-Nov-13	11/12/2013	12-Nov-13	11/12/2013
12-Nov-13	11/12/2013	12-Nov-13	11/12/2013
12-Nov-13	11/12/2013	12-Nov-13	11/12/2013
12-Nov-13	11/12/2013	12-Nov-13	11/12/2013
12-Nov-13	11/12/2013	12-Nov-13	11/12/2013
12-Nov-13	11/12/2013	12-Nov-13	11/12/2013
12-Nov-13	11/12/2013	12-Nov-13	11/12/2013
12-Nov-13	11/12/2013	12-Nov-13	11/12/2013
12-Nov-13	11/12/2013	12-Nov-13	11/12/2013
12-Nov-13	11/12/2013	12-Nov-13	11/12/2013
12-Nov-13	11/12/2013	12-Nov-13	11/12/2013
12-Nov-13	11/12/2013	12-Nov-13	11/12/2013
12-Nov-13	11/12/2013	12-Nov-13	11/12/2013
12-Nov-13	11/12/2013	12-Nov-13	11/12/2013
19-Nov-13	11/19/2013	19-Nov-13	11/19/2013
19-Nov-13	11/19/2013	19-Nov-13	11/19/2013
19-Nov-13	11/19/2013	19-Nov-13	11/19/2013
19-Nov-13	11/19/2013	19-Nov-13	11/19/2013
12-Jul-07		16-Dec-10	12/16/2010
17-Sep-07		17-Sep-07	9/17/2007
29-Oct-07		29-Oct-07	10/29/2007
20-Nov-07		20-Nov-07	11/20/2007
20-Nov-07		20-Nov-07	11/20/2007
31-Jan-08		31-Jan-08	1/31/2008
11-Aug-08		11-Aug-08	8/11/2008
7-Nov-08		13-Nov-08	11/13/2008
6-Aug-09		11-Aug-09	8/11/2009
6-Aug-09		11-Aug-09	8/11/2009
10-Sep-09		14-Sep-09	9/14/2009
23-Jan-12	1/23/2012	25-Jan-12	1/25/2012
23-Jan-12	1/23/2012	25-Jan-12	1/25/2012
23-Jan-12	1/23/2012	25-Jan-12	1/25/2012
23-Jan-12	1/23/2012	25-Jan-12	1/25/2012
8-Aug-12	8/8/2012	8-Aug-12	8/8/2012
6-Dec-12	12/6/2012	6-Dec-12	12/6/2012
13-Dec-12	12/13/2012	18-Dec-12	12/18/2012
4-Apr-13	4/4/2013	8-Apr-13	4/8/2013
3-May-13	5/3/2013	6-May-13	5/6/2013
15-Jul-13	7/15/2013	15-Jul-13	7/15/2013
21-Sep-13	9/21/2013	23-Sep-13	9/23/2013

Category 3	10	10	10
Category 3	1	1	1
Category 3	1	1	1
Category 3	1	1	1
Category 3	30	30	30
Category 3	2	2	2
Category 3	1	1	1
Category 3	5	5	5
Category 3	1	1	1
Category 3	5	5	5
Category 3	2	2	2
Category 3	1	1	1
Category 3	1	1	1
Category 3	1	1	1
Category 3	1	1	1
Category 3	0	300	300
Category 3	40	40	40
Category 3	5	5	5
Category 3	3	3	3
Category 3	1	1	1
Category 3	2	2	2
Category 3	1	1	1
Category 3	1	1	1
Category 3	1	1	1
Category 3	5	5	5
Category 3	3	3	3
Category 3	1	1	1
Category 3	5	5	5
Category 3	1	1	1
Category 3	1	1	1
Category 3	1	1	1
Category 3	5	5	5
Category 3		5	5
Category 1		40	0
Category 2		1000	0
Category 3		170	0
Category 3		200	0
Category 3		500	0
Category 3		200	0
Category 3		900	0
Category 1		3000	0
Category 1		1000	0
Category 1		5000	0
Category 3		50	0
Category 3		50	0
Category 3		100	0
Category 3		30	30
Category 1		300	0
Category 3		100	0
Category 1		7867	0
Category 3		100	0
Category 1		200	0
Category 3		100	0
Category 3	200	200	200

[illegible]

Yes

No

No

No

Not Applicable - Spill did not reach a separate storm drainpipe

299 S HARTSON ST NAPA CA 94559
3736 JEFFERSON ST NAPA CA 94558
350 AGUIRRE WY NAPA CA 9455
2099 W PUEBLO AV NAPA CA 94558
3367 CALIFORNIA (OLD) WY NAPA CA 94558
85 BERNA AV NAPA CA 94559
151 RANDOLPH ST NAPA CA 94559
332 BROWN ST NAPA CA 94559
1673 SYCAMORE ST NAPA CA 94559
129 HOMEWOOD AV NAPA CA 94558
1305 SPROUL AV NAPA CA 94559
1586 MOSSWOOD DR NAPA CA 94558
3500 DOVER ST NAPA CA 94558
2056 S TERRACE DR NAPA CA 94559
3570 JEFFERSON ST NAPA CA 94558
Shurtleff @ Terrace
1511 JEFFERSON ST NAPA CA 94559
51 MORGAN LN NAPA CA 94558
2345 LOUISA ST NAPA CA 94558
8 KENWOOD ST NAPA CA 94558
1621 ARCADIA CT NAPA CA 94558
2547 ADRIAN ST NAPA CA 94558
18 BONITA AV NAPA CA 94559
11 BURNETTE CT NAPA CA 94558
3808 JEFFERSON ST NAPA CA 94558
350 AGUIRRE WY NAPA CA 94559
2298 THIRD ST NAPA CA 94559
1531 MENLO AV NAPA CA 94558
28 MONTECITO BV NAPA CA 94559
4055 ENCINA DR NAPA CA 94558
2531 VINTAGE CT NAPA CA 94558
2104 LONE OAK AV NAPA CA 94558
533 WESTGATE DR NAPA CA 94558
Alcatraz Island - Floating Dock
Muir Woods Lift Station #1
Fort Baker Parking Lot, between Bldgs 405 and 407
Fort Barry Lift Station Bldg 840
Fort Barry Lift Station Bldg 840
Building 840 Lift Station
Stinson Beach - Life Guard Tower Tank
Fort Barry Building 931
Fort Cronkhite Kirkpatrick Road
Muir Woods National Monument
Fort Cronkhite Kirkpatrick Road
Battery Alexander Parking Lot
Battery Alexander Parking Lot
Battery Alexander Parking Lot
Alcatraz Island
Fort Baker Parade Ground
Baker Barry Tunnel
Bunker Road
Baker Barry Tunnel
Baker Barry Tunnel
Muir Woods Annex Parking Lot, Manhole #12
Bunker Road

38.28487	-122.29557 Napa
38.33029	-122.30555 Napa
38.29587	-122.27148 Napa
38.31249	-122.31236 Napa
38.32045	-122.30721 Napa
38.30458	-122.27519 Napa
38.28856	-122.28838 Napa
38.29065	-122.28422 Napa
38.28702	-122.29175 Napa
38.29497	-122.30984 Napa
38.30538	-122.26868 Napa
38.34692	-122.32184 Napa
38.3209	-122.316 Napa
38.28399	-122.26881 Napa
38.3264	-122.3025 Napa
38.29048	-122.26935 Napa
38.30158	-122.29414 Napa
38.30864	-122.31487 Napa
38.31181	-122.29113 Napa
38.31249	-122.27382 Napa
38.33153	-122.30946 Napa
38.31381	-122.29384 Napa
38.30123	-122.27167 Napa
38.31464	-122.30832 Napa
38.33136	-122.30637 Napa
38.29587	-122.27148 Napa
38.29649	-122.30038 Napa
38.31274	-122.30105 Napa
38.3019	-122.27133 Napa
38.34209	-122.32218 Napa
38.32629	-122.33273 Napa
38.30792	-122.309 Napa
38.35324	-122.25126 Napa
37.825	-122.42 San Francisco
37.891	-122.570145 Marin
37.834	-122.48 Marin
37.831	-122.52 Marin
37.831	-122.52 Marin
37.831	122.52 Marin
37.895	-122.639 Marin
37.8314	-122.52 Marin
37.8612	-122.4294 Marin
37.902428	-122.699501 Marin
38.10983654	-122.503563 Marin
37.82659	-122.5272 Marin
37.82659	-122.5272 Marin
37.82659	-122.5272 Marin
37.8264	-122.4222 San Francisco
37.83437	-122.47871 Marin
37.83948	-122.48657 Marin
37.83162	-122.51369 Marin
37.83905	-122.48599 Marin
37.83931	-122.48683 Marin
37.89192	-122.56931 Marin
37.83328	-122.52181 Marin

[illegible]

Crack in pump-out hose on the floating dock.

Manhole overflow located between the annex and main parking lot. Small trickle was overflowing out of the manhole and Spill occurred on an unpaved parking lot (base rock) and flowed up to some straw wattles which held most of the effluent f Effluent was flowing out of the manhole lid closest to the lift station.

Spill occurred from the overflowing wet well located at the lift station.

Sewer tank near the restroom at the life guard tower.

Lift Station Building 931

Upstream of Kirkpatrick along the drainage channel.

Under the boardwalk between manholes #3 and #4. (flagpole and first bench on the boardwalk).

Upstream of Kirkpatrick Road along the drainage channel.

Approach Road to Battery Alexander Parking Lot

Chase at entrance to parade ground.

Overflow from manhole located on west side of Murray Circle, 75 yards north of Center Road intersection.

Above ground sewer main inside the tunnel.

Beside Bunker Road in the Marin Headlands, just east of the Presidio Riding Club.

Force main inside Baker Barry Tunnel

1,000 feet east of west end of tunnel.

Manhole #12, 50 feet east of the Dipsea Trail where it exits the Muir Woods Annex Parking Lot.

from spilling over down a short hill. The

Lateral Clean Out (Public);Lower Lateral (Public)
Lateral Clean Out (Public)
Lateral Clean Out (Public)
Lateral Clean Out (Public)
Lateral Clean Out (Public)
Lateral Clean Out (Public)
Lower Lateral (Public)
Lateral Clean Out (Public)
Lateral Clean Out (Public)
Lateral Clean Out (Public)
Lateral Clean Out (Public)
Lower Lateral (Public)
Lower Lateral (Public)
Lateral Clean Out (Public)
Lateral Clean Out (Public)
Manhole
Lateral Clean Out (Public)
Gravity Mainline
Lateral Clean Out (Public)
Lateral Clean Out (Public)
Lateral Clean Out (Public)
Lateral Clean Out (Public)
Lateral Clean Out (Public)
Lateral Clean Out (Public)
Lower Lateral (Public)
Lateral Clean Out (Public)
Lateral Clean Out (Public)
Lateral Clean Out (Public)
Manhole
Lateral Clean Out (Public)
Lateral Clean Out (Public)
Lower Lateral (Public)
Lateral Clean Out (Public)
Other sewer system structure
Manhole
Manhole
Manhole
Manhole
Other (specify)
Gravity sewer
Pump station
Manhole
Manhole
Manhole
Force main or pressure sewer
Force main or pressure sewer
Force main or pressure sewer
Other (specify)
Manhole
Force main or pressure sewer
Force main or pressure sewer
Force main or pressure sewer
Force main or pressure sewer
Manhole
Force Main

New manhole installed on existing mainline with small hole into pipe

Effluent was leaking through the top of the wet well covers.

Concrete chase at the entrance to the parade ground.

Crack in the above ground main.

Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Paved Surface
Unpaved surface
Unpaved surface
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Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Separate Storm Drain
Paved Surface
Paved Surface
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Paved Surface;Street/Curb and Gutter
Other (specify below)
Surface water;Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Unpaved surface
Other (specify below)
Unpaved surface
Surface water
Surface water
Surface water
Unpaved surface
Unpaved surface
Unpaved surface
Other (specify below)
Separate storm drain;Street/curb and gutter;Unpaved surface
Street/curb and gutter
Unpaved surface
Street/curb and gutter
Street/curb and gutter
Unpaved surface
Unpaved surface

The spill was isolated to the deck of the floating dock.
30 gallons into soil. 10 gallons into Redwood Creek.

Effluent puddled on the unpaved surface surrounding the wet well and manhole.
Spill was contained on three sides by a retaining wall. On the fourth side the spill entered the dune area.

Spilled fluid was pumped back into sewage system after repairs.

Overflow ran along unpaved ditch, accross Bunker Road, and pooled in a gravel road pull-out. Spill infiltrated into ground

Dirt levee was constructed to prevent spill from entering Redwood Creek.

9/4/2013 10:30	9/4/2013 10:52	9/4/2013 11:05	9/4/2013 12:00
9/7/2013 0:45	9/7/2013 3:13	9/7/2013 3:30	9/7/2013 3:45
9/9/2013 9:00	9/9/2013 9:15	9/9/2013 9:25	9/9/2013 9:30
9/9/2013 18:00	9/9/2013 18:29	9/9/2013 18:45	9/9/2013 18:50
9/10/2013 16:30	9/10/2013 17:13	9/10/2013 17:20	9/10/2013 17:25
9/11/2013 9:00	9/11/2013 9:37	9/11/2013 9:55	9/11/2013 10:10
9/15/2013 15:30	9/15/2013 15:57	9/15/2013 16:20	9/15/2013 16:25
9/18/2013 17:42	9/18/2013 17:50	9/18/2013 18:07	9/18/2013 18:10
9/27/2013 10:00	9/27/2013 10:08	9/27/2013 10:30	9/27/2013 10:40
9/27/2013 11:00	9/27/2013 11:36	9/27/2013 11:45	9/27/2013 11:50
9/28/2013 12:30	9/28/2013 13:14	9/28/2013 13:55	9/28/2013 14:15
9/30/2013 8:00	9/30/2013 8:17	9/30/2013 8:45	9/30/2013 9:00
10/2/2013 8:00	10/2/2013 8:30	10/2/2013 8:45	10/2/2013 8:55
10/3/2013 11:00	10/3/2013 11:29	10/3/2013 11:45	10/3/2013 12:00
10/8/2013 18:00	10/8/2013 18:39	10/8/2013 19:06	10/8/2013 19:10
10/4/2013 10:05	10/4/2013 10:09	10/4/2013 10:35	10/4/2013 10:12
10/9/2013 12:00	10/9/2013 13:22	10/9/2013 13:42	10/9/2013 13:42
10/9/2013 16:00	10/9/2013 16:47	10/9/2013 17:20	10/9/2013 18:30
10/11/2013 9:30	10/11/2013 9:58	10/11/2013 10:38	10/11/2013 10:40
10/14/2013 7:30	10/14/2013 7:37	10/14/2013 8:08	10/14/2013 8:15
10/14/2013 7:45	10/14/2013 7:58	10/14/2013 9:40	10/14/2013 9:50
10/14/2013 8:00	10/14/2013 8:21	10/14/2013 10:40	10/14/2013 10:45
10/14/2013 8:40	10/14/2013 8:52	10/14/2013 11:35	10/14/2013 11:45
10/20/2013 9:30	10/20/2013 9:38	10/20/2013 9:45	10/20/2013 9:55
10/21/2013 9:18	10/21/2013 9:32	10/21/2013 10:05	10/21/2013 10:15
10/24/2013 9:00	10/24/2013 9:16	10/24/2013 9:55	10/24/2013 9:57
10/28/2013 9:18	10/28/2013 9:35	10/28/2013 9:50	10/28/2013 10:15
10/29/2013 15:00	10/29/2013 15:05	10/29/2013 15:15	10/29/2013 15:30
11/8/2013 8:40	11/8/2013 8:46	11/8/2013 8:55	11/8/2013 9:10
11/9/2013 13:44	11/9/2013 14:01	11/9/2013 14:30	11/9/2013 14:40
11/10/2013 12:40	11/10/2013 13:06	11/10/2013 13:30	11/10/2013 13:40
11/17/2013 15:20	11/17/2013 15:33	11/17/2013 15:48	11/17/2013 16:00
11/18/2013 8:35	11/18/2013 8:48	11/18/2013 9:30	11/18/2013 9:40
7/4/2007 14:38	7/4/2007 14:39	7/4/2007 14:39	7/4/2007 14:40
9/10/2007 15:00	9/10/2007 15:00	9/11/2007 7:30	9/11/2007 9:00
10/20/2007 10:00	10/21/2007 13:30	10/21/2007 14:00	10/21/2007 14:45
10/23/2007 13:00	10/23/2007 14:00	10/23/2007 13:30	10/23/2007 14:00
10/26/2007 10:00	10/26/2007 10:30	10/26/2007 11:00	10/26/2007 12:00
1/27/2008 23:30	1/28/2008 6:30	1/28/2008 6:45	1/28/2008 7:00
7/10/2008 21:00	7/10/2008 21:30	7/11/2008 7:30	7/11/2008 8:00
11/1/2008 18:15	11/1/2008 18:15	11/1/2008 19:00	11/1/2008 19:05
7/31/2009 13:00	7/31/2009 14:00	8/3/2009 8:30	8/3/2009 11:30
8/3/2009 15:00	8/4/2009 9:30	8/4/2009 9:30	8/4/2009 15:30
8/16/2009 10:00	8/18/2009 7:30	8/18/2009 8:00	8/18/2009 10:00
6/22/2011 8:30	6/22/2011 9:00	6/22/2011 9:30	6/22/2011 10:00
8/8/2011 16:00	8/8/2011 16:15	8/8/2011 16:30	8/8/2011 16:30
10/25/2011 7:30	10/25/2011 8:00	10/25/2011 9:00	10/25/2011 9:00
1/13/2012 13:00	1/13/2012 13:15	1/13/2012 13:15	1/13/2012 13:24
8/7/2012 2:30	8/7/2012 4:00	8/7/2012 4:10	8/7/2012 4:15
11/27/2012 23:00	11/27/2012 23:00	11/28/2012 7:00	11/28/2012 7:00
12/11/2012 12:00	12/13/2012 9:00	12/13/2012 10:00	12/13/2012 13:00
3/13/2013 7:00	3/13/2013 7:15	3/13/2013 7:30	3/13/2013 7:30
4/19/2013 11:45	4/19/2013 11:45	4/19/2013 12:00	4/19/2013 12:15
7/13/2013 8:00	7/13/2013 8:00	7/13/2013 8:00	7/13/2013 12:20
9/16/2013 18:00	9/16/2013 18:15	9/16/2013 19:00	9/16/2013 19:30

Other (specify below)
Grease Deposition (FOG)
Root Intrusion
Grease Deposition (FOG)
Debris-Rags
Root Intrusion
Root Intrusion
Vandalism
Debris-General
Root Intrusion
Root Intrusion
Root Intrusion
Root Intrusion
Root Intrusion
Root Intrusion
Other (specify below)
Debris-General
Grease Deposition (FOG)
Root Intrusion
Root Intrusion
Root Intrusion
Root Intrusion
Root Intrusion
Debris-General
Root Intrusion
Debris-General
Root Intrusion
Pipe Structural Problem/Failure
Debris-Rags
Root Intrusion
Debris-General
Root Intrusion
Root Intrusion
Pipe structural problem/failure
Other (specify below)
Root intrusion
Pump station failure
Pump station failure
Other (specify below)
Other (specify below)
Pump station failure
Debris-General
Debris-General
Debris-General
Other (specify below)
Other (specify below)
Pipe structural problem/failure
Pipe structural problem/failure
Grease deposition (FOG)
Pipe structural problem/failure
Pipe structural problem/failure
Pipe structural problem/failure
Pipe structural problem/failure
Debris-General
Pipe Structural Problem/Failure

Secondary lateral not reinstated when main was replaced

Rocks thrown into cleanout by children

Contractor was flushing water lines into new manhole that did not have an adequate relief hole

Rubber hose that loads sewage onto the vessel from the floating dock ruptured.

Manhole backed up due to accumulation of toilet paper in the sewer line. Attributed to low-flow toilets in a high use area. There was root intrusion at the outlet opening but water could still flow. A TV of the adjacent line downstream from the affected Pump motor failed.

Two power outages in this area caused a malfunction of the sensors that call for the pumps to activate and pump down the tank. A toilet left running overnight, combined with high tides, caused an overflow in the sewage tank. Mostly water overflowed. Rainwater infiltrated into sewer and caused overflow. Pump became airborne and malfunctioned.

diapers/ wipes/ toilet paper blockage

As part of the reconstruction of the Battery Alexander parking lot and approach road an existing eucalyptus tree stump had to be removed. During construction of the Battery Alexander parking lot and approach road, construction traffic loading through an existing culvert. Following embankment and paving operations at the Battery Alexander parking lot approach road the existing culvert was blocked. Spill was caused when tram ran over culvert and broke the pipe. Grease buildup caused blockage in manhole resulting in overflow.

A wet patch along the sewer main was detected, which was initially thought to be groundwater. The next morning, upon excavation

Cleaning cloths were removed from the manhole after it had been jetted by a service truck.
Top plate of cleanout was cracked by a tractor.

owels slowly making its way down the sanitary line. This was the major cause for the overflow.

s sent information to the control panel, but the pump didn't activate.

No	4 Clay
No	4 ACP
No	4 Clay
No	3 HDPE
No	4 ACP
No	Clay
No	4 CIP
No	4 ACP
No	4 Variable
No	4 Clay
No	4 CIPP
No	4 ACP
No	4 ACP
No	4 ACP
No	4 ACP
No	ACP
No	6 Clay
No	ACP
No	4 ACP
No	4 ACP
No	4
No	4 CIPP
No	3 HDPE
No	4 ACP
No	4 Clay
No	4 Clay
No	4
No	4 ACP
No	4 ACP
No	4 Clay
No	4 ACP
	rubber
	6
	6 PVC
	6
	6
	6 iron
	4 plastic slipline
	6 iron
	6 concrete
	6 Ductile
	6 PVC
	6 Ductile
	6 Ductile
	4 Plastic
No	6 PVC

30

45

25
2

20

20

50
30
15
30
50
25
12

Cleaned-up (mitigated effects of spill); Contained all or portion of spill; Inspected sewer using CCTV to determine cause; Re
Cleaned-up (mitigated effects of spill); Restored flow
Cleaned-up (mitigated effects of spill); Contained all or portion of spill; Inspected sewer using CCTV to determine cause; Re
Cleaned-up (mitigated effects of spill); Contained all or portion of spill; Restored flow
Cleaned-up (mitigated effects of spill); Contained all or portion of spill; Restored flow
Cleaned-up (mitigated effects of spill); Contained all or portion of spill; Restored flow
Other (specify below)
Restored flow
Restored flow
Contained all or portion of spill; Restored flow
Restored flow
Restored flow
Restored flow
Restored flow
Cleaned-up (mitigated effects of spill); Contained all or portion of spill; Restored flow; Returned all or portion of spill to sanit
Cleaned-up (mitigated effects of spill); Restored flow
Cleaned-up (mitigated effects of spill); Restored flow
Other (specify below)
Restored flow
Restored flow
Restored flow

The spill was contained with booms on the deck of the floating dock and cleaned up with absorbent pads. All materials w

replaced pump

Leaking toilet was stopped, and tank was pumped.

Bled air from pump and turned pump back on.

Repaired damaged section of existing sewer line with C900 pipe and dresser coupling the full width of the approach road.

Repaired main with 10' section of pipe and couplers.

Pipe broke, spill entered storm drain. Stopped pumping at lift station to stop spill.

Repaired with a 10 foot section of pipe and couplers.

Park has since replaced this section of pipe.

9/12/2007 18:00
10/22/2007 12:00

8/3/2009 11:30
8/5/2009 7:00
8/18/2009 10:00

8/7/2012 5:00
12/13/2012 14:30

Other (specify below)

Adjusted schedule/method of preventive maintenance;Plan rehabilitation or replacement of sewer;Repaired sewer

Enforcement action against FOG source

Adjusted schedule/method of preventive maintenance

Added sewer to preventive maintenance program;Adjusted schedule/method of preventive maintenance

Enforcement action against FOG source

Repaired sewer

Sewer lines are jet flushed annually and this was done in June 2007. Overflow resulted from low flow toilets used in a high rise building. Will work with Caltrans to ensure their Vista Point sewage operations are running properly, macerator is working, sewer lines are clear.

Daily inspections of the manhole will occur. Additional camera survey will be scheduled. Daily remote monitoring will be implemented.

No
Yes

No
No
No

No
No

No visible impacts due to low amount entering surface water.

No visual results.

Some discoloration and odor in the surface water of the drainage channel.

Some discoloration and odor in the surface water of the drainage channel.

No
No

Yes
No
Yes

No

No

NA
NA

NA
NA
NA

Redwood Creek
NA

Rodeo Lagoon and drainage channel leading to it.
Redwood Creek
Rodeo Lagoon and drainage channel leading to it.
NA
NA
NA
NA
Horse
NA
NA
NA
NA

No water quality samples taken
No water quality samples taken

Other (specify below)
Other (specify below)
Other (specify below)

Not applicable to this spill

Not applicable to this spill

E Coli
E coli
E. coli

No water quality samples taken
Not applicable to this spill

County Health Agency
County Health Agency
County Health Agency

Not applicable to this spill

Not applicable to this spill

Area calculation
Area of wet soil
Area of saturated soil
Area of saturated soil
Visual
Area of saturated soil
Area of saturated soil
Area of saturated soil

Visual
Flow meter on water line
area calculation

Area of saturated soil
Area of saturated soil
Area of saturated soil
Area of saturated soil
Area of saturated soil
Area of saturated soil
Area of saturated soil
Area of saturated soil
Area of saturated soil
Area of saturated soil
Area of saturated soil
Area of saturated soil
Area of saturated soil
Area of saturated soil
area calculation times depth

Flow rate multiplied by time.

95416	8/3/2009 11:30
95445	8/4/2009 11:00
95799	8/20/2009 10:00

124613	8/7/2012 4:30
127195	11/28/2012 10:00
127626	12/13/2012 14:30

[illegible]

2SSO10161	Active	711224 Cynthia Royer	Certified
2SSO10161	Active	711549 Royer	Certified
2SSO10161	Active	711879 Royer	Certified
2SSO10161	Active	716434 Cynthia Royer	Certified
2SSO10161	Active	731372 Cynthia Royer	Certified
2SSO10161	Active	733529 Royer	Certified
2SSO10161	Active	733927 Tom Piccolotti	Certified
2SSO10161	Active	733928 Tom Piccolotti	Certified
2SSO10161	Active	736548 Royer	Certified
2SSO10161	Active	740440 C. Royer	Certified
2SSO10161	Active	741024 Tom Piccolotti	Certified
2SSO10161	Active	741032 Tom Piccolotti	Certified
2SSO10161	Active	756650 Cynthia Royer	Certified
2SSO10161	Active	766543 Cynthia Royer	Certified
2SSO10161	Active	777996 Cynthia Royer	Certified
2SSO10161	Active	788657 Cynthia Royer	Certified
2SSO10161	Active	799115	Submit Draft
2SSO10161	Active	799116 Cynthia Royer	Certified
2SSO10161	Active	800960	Submit Draft
2SSO10162	Active	652314 Timothy M. O'Connor	Certified
2SSO10162	Active	653465 Timothy M OConnor	Certified
2SSO10162	Active	653964 Timothy M OConnor	Certified
2SSO10162	Active	655812 Timothy M. OConnor	Certified
2SSO10162	Active	656678 Timothy M. O'Connor	Certified
2SSO10162	Active	656894 Timothy M. O'Connor	Certified
2SSO10162	Active	657012 Timothy M O'Connor	Certified
2SSO10162	Active	657701 Timothy M. O'Connor	Certified
2SSO10162	Active	657882 Timothy M O'Connor	Certified
2SSO10162	Active	657969 Timothy M OConnor	Certified
2SSO10162	Active	707493 Timothy M. O'Connor	Certified
2SSO10162	Active	707494 Timothy M. O'Connor	Certified
2SSO10162	Active	710703 Timothy M OConnor	Certified
2SSO10162	Active	710704 Timothy M. OConnor	Certified
2SSO10162	Active	710705 Timothy M. OConnor	Certified
2SSO10162	Active	710871 Timothy M. OConnor	Certified
2SSO10162	Active	711861 Timothy M. O'Connor	Certified
2SSO10162	Active	711862 Timothy M. O'Connor	Certified
2SSO10162	Active	712096 Timothy M O'Connor	Certified
2SSO10162	Active	712099 Timothy M O'Connor	Certified
2SSO10162	Active	713769 Timothy M O'Connor	Certified
2SSO10162	Active	714986 Timothy M O'Connor	Certified
2SSO10162	Active	715244 Timothy M. O'Connor	Certified
2SSO10162	Active	716688 Timothy M OConnor	Certified
2SSO10162	Active	716754 Timothy M. O'Connor	Certified
2SSO10162	Active	716762 Timothy M. O'Connor	Certified
2SSO10162	Active	716775 Timothy M. O'Connor	Certified
2SSO10162	Active	717872 Timothy M. O'Connor	Certified
2SSO10162	Active	719737 Timothy M. O'Connor	Certified
2SSO10162	Active	720040 Timothy M OConnor	Certified
2SSO10162	Active	722914 Timothy M. O'Connor	Certified
2SSO10162	Active	723201 Timothy M OConnor	Certified
2SSO10162	Active	724663 Timothy M. O'Connor	Certified
2SSO10162	Active	725116 Timothy M. O'Connor	Certified
2SSO10162	Active	725627 Timothy Michael O'Connor	Certified
2SSO10162	Active	725873 Timothy M. O'Connor	Certified

Manager of Technical Services

[illegible]

Daly City, CA	393974
NSMCSD	614651
NSMCSD	242197
Daly City, CA - NSMCSD	805854
Daly City, CA	544943
Daly City, Ca	921035
North San Mateo County Sanitation District	478484
North San Mateo County Sanitation District	217728
Daly City, CA	669353
Daly City, CA	449278
North San Mateo County Sanitation District	772284
North San Mateo County Sanitation District	215218
Daly City, CA	367455
Daly City, CA	806896
Daly City, CA	293012
Daly City, CA	158204
 Daly City, CA	 980197
 Novato Sanitary District	 151886
Novato Sanitary District	149861
Novato Sanitary District	397759
Novato Sanitary District	192952
Novato Sanitary District	193050
Novato Sanitary District	527008
Novato Sanitary District	753328
Novato Sanitary District	430873
Novato Sanitary District	359665
Novato Sanitary District	985827
Novato Sanitary District, Olive St. Pump Station	151088
Novato Sanitary District, Olive St. pump station	296825
Novato Sanitary District	201120
Novato Sanitary District	292419
Novato Sanitary District	451124
Novato Sanitary District	632516
Novato Sanitary District	951659
Novato Sanitary District	786882
Novato Sanitary District	489111
Novato Sanitary District	138401
Novato Sanitary District	292522
Novato Sanitary District	358133
Novato Sanitary District	169142
Novato Sanitary District	532815
Novato Sanitary District	379089
Novato Sanitary District	739296
Novato Sanitary District	168663
Novato Sanitary District	856624
Novato Sanitary District	781112
Novato Sanitary District	250112
Novato Sanitary District	427664
Novato Sanitary District	690549
Novato Sanitary District	622617
Novato Sanitary District	905275
Novato Sanitary District	552926
Novato Sanitary District	306196

15-Jan-08		7-Feb-08	12/8/2010
23-Jan-08		7-Feb-08	2/7/2008
26-Jan-08		7-Feb-08	2/7/2008
22-Apr-08		23-Apr-08	4/23/2008
3-Jan-09		5-Jan-09	1/5/2009
13-Feb-09		17-Feb-09	2/17/2009
20-Feb-09		20-Feb-09	12/7/2010
20-Feb-09		20-Feb-09	12/7/2010
21-Apr-09		21-Apr-09	4/21/2009
30-Jun-09		7-Jul-09	7/7/2009
14-Jul-09		15-Jul-09	12/7/2010
14-Jul-09		15-Jul-09	12/7/2010
8-Sep-10	9/8/2010	1-Nov-10	11/1/2010
16-May-11	5/16/2011	31-May-11	5/31/2011
26-Feb-12	2/26/2012	28-Feb-12	2/28/2012
2-Dec-12	12/4/2012	13-Dec-12	12/13/2012
26-Sep-13	9/26/2013		
26-Sep-13	9/27/2013	27-Sep-13	9/27/2013
21-Nov-13	11/22/2013		
18-Jun-07		18-Jun-07	6/18/2007
3-Jul-07		3-Jul-07	7/3/2007
11-Jul-07		11-Jul-07	7/11/2007
14-Aug-07		14-Aug-07	8/14/2007
30-Aug-07		30-Aug-07	8/30/2007
5-Sep-07		5-Sep-07	9/5/2007
7-Sep-07		7-Sep-07	9/7/2007
19-Sep-07		19-Sep-07	9/19/2007
21-Sep-07		21-Sep-07	9/21/2007
24-Sep-07		24-Sep-07	5/12/2011
8-Nov-07		8-Nov-07	11/8/2007
8-Nov-07		8-Nov-07	11/8/2007
5-Jan-08		17-Jan-08	1/17/2008
5-Jan-08		17-Jan-08	1/17/2008
5-Jan-08		17-Jan-08	1/17/2008
7-Jan-08		17-Jan-08	1/17/2008
25-Jan-08		13-Feb-08	2/13/2008
25-Jan-08		13-Feb-08	2/13/2008
30-Jan-08		14-Feb-08	2/14/2008
30-Jan-08		14-Feb-08	2/14/2008
22-Feb-08		22-Feb-08	2/22/2008
18-Mar-08		18-Mar-08	3/18/2008
24-Mar-08		24-Mar-08	3/24/2008
28-Apr-08		28-Apr-08	5/27/2010
29-Apr-08		29-Apr-08	4/29/2008
29-Apr-08		29-Apr-08	4/29/2008
29-Apr-08		29-Apr-08	4/29/2008
22-May-08		22-May-08	5/22/2008
17-Jun-08		17-Jun-08	6/17/2008
21-Jun-08		25-Jun-08	12/6/2010
21-Jul-08		21-Jul-08	7/21/2008
22-Jul-08		31-Jul-08	5/12/2011
14-Aug-08		14-Aug-08	8/14/2008
22-Aug-08		22-Aug-08	8/22/2008
3-Sep-08		3-Sep-08	9/3/2008
5-Sep-08		5-Sep-08	9/5/2008

Category 3		575	575
Category 3		350	350
Category 1		575	0
Category 3		225	225
Category 3		125	125
Category 3		246	246
Category 1		780	250
Category 1		1950	1000
Category 3		210	210
Category 3		500	500
Category 3		500	500
Category 2		1000	1000
Category 3		125	125
Category 1		875	200
Category 3		660	660
Category 1		4500	500
Category 1	0	125	0
Category 1	0	125	0
Category 3	25	25	50
Category 3		350	350
Category 3		675	675
Category 3		450	400
Category 3		750	635
Category 3		75	75
Category 3		100	100
Category 3		75	0
Category 3		900	800
Category 3		50	50
Category 1		8100	4000
Category 3		40	40
Category 3		80	70
Category 1		21750	0
Category 1		16500	0
Category 1		105000	0
Category 1		8250	0
Category 1		57375	0
Category 1		186000	0
Category 1		600	0
Category 1		8250	0
Category 3		800	720
Category 3		150	150
Category 3		50	50
Category 3		150	143
Category 3		129	129
Category 3		650	618
Category 3		5	5
Category 3		10	10
Category 3		25	25
Category 1		1100	350
Category 3		236	0
Category 1		15000	5000
Category 3		75	75
Category 3		20	16
Category 3		10	10
Category 3		220	220

0 No	No
No	No
575 Yes	Yes
0 No	No
0 No	Yes
0 No	Yes
530 Yes	Yes
950 No	Yes
0 No	Yes
0 No	Yes
0 No	Yes
0 No	Yes
0 No	No
675 Yes	Yes
0 No	Yes
4500 Yes	Yes
125 Yes	Yes
125 Yes	Yes
0 No	No
No	No
No	No
No	No
0 No	No
0 No	No
0 No	No
0 No	No
No	No
No	No
4100 Yes	Yes
0 No	Yes
No	No
21750 Yes	Yes
16500 Yes	Yes
105000 Yes	Yes
8250 Yes	No
57375 Yes	Yes
186000 Yes	Yes
600 Yes	Yes
8250 Yes	Yes
No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	No
0 No	Yes
0 No	Yes
750 Yes	No
0 No	No
10000 Yes	Yes
0 No	No
0 No	No
0 No	No
0 No	Yes

Not Applicable - Spill did not reach a separate storm drainpipe
Not Applicable - Spill did not reach storm drainpipe
No
Not Applicable - Spill did not reach storm drainpipe
Yes
Yes
No
No
Yes
Yes
Yes
Yes
Not Applicable - Spill did not reach storm drainpipe
No
Yes
No
No
No
Not Applicable - Spill did not reach a separate storm drainpipe
Not Applicable - Spill did not reach storm drainpipe
Not Applicable - Spill did not reach storm drainpipe
Not Applicable - Spill did not reach storm drainpipe
Not Applicable - Spill did not reach storm drainpipe
Not Applicable - Spill did not reach storm drainpipe
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Not Applicable - Spill did not reach storm drainpipe
Not Applicable - Spill did not reach storm drainpipe
No
No
Not Applicable - Spill did not reach storm drainpipe
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Not Applicable - Spill did not reach storm drainpipe
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Not Applicable - Spill did not reach storm drainpipe
Not Applicable - Spill did not reach storm drainpipe
Not Applicable - Spill did not reach storm drainpipe
Not Applicable - Spill did not reach storm drainpipe
Not Applicable - Spill did not reach storm drainpipe
Not Applicable - Spill did not reach storm drainpipe
Not Applicable - Spill did not reach storm drainpipe
Yes
Yes
Not Applicable - Spill did not reach a separate storm drainpipe
Not Applicable - Spill did not reach storm drainpipe
No
Not Applicable - Spill did not reach storm drainpipe
Not Applicable - Spill did not reach storm drainpipe
Not Applicable - Spill did not reach storm drainpipe
Yes

Intersection of Skyline Dr and Westline Dr
333 Hickey Boulevard
1399 Skyline Dr
1399 Skyline Dr
75 Poncetta Dr
2800 91st st.
201 Buena Vista Ave
398 Eastmoor Ave
Easement behind Hampshire Court
138 Parkview Ave
1200 King Dr
7 Parkview Ave
1399 Skyline Dr
445 Knowles Ave
89 Garwood Dr
1399 Skyline Dr
NSMCSD
NSMCSD
99 Theta ave Daly City Ca,94015
Marin Country Club
Residential Neighborhood
Easement adjacent to Rowland Way
Fireman's Fund Campus
Hill Rd spill
Montura Way Neighborhood
Eagle Dr. neighborhood
Canyon Road neighborhood
East Hamilton Parkway area
State Access Rd. area
Gustafson Ct.
Trumbull Rd.
Chase St. neighborhood
Ignacio Blvd Area
Center Dr neighborhood
Ignacio Blvd area
Chase St. neighborhood
Center Rd. Neighborhood
Del Mar Neighborhood
Donna St Neighborhood
Center Rd neighborhood
495 Alameda del Prado
Hayden Ave neighborhood
Del Oro Lagoon
Midway Blvd area
Caribe Isle
Emberson Ave.
Center Rd area
Cambridge St area
Shields Ln neighborhood
Wild Horse Dr. Neighborhood
Clemente Ct easement
Balra Dr. Neighborhood
Capilano Dr
Midway Dr.
Enfrente Rd

37.66343	-122.49222 San Mateo
37.66445	122.460875 San Mateo
37.663433	122.492161 San Mateo
37.663361	122.492139 San Mateo
37.703033	122.472989 San Mateo
37.690411	122.471564 San Mateo
37.684003	-122.481375 San Mateo
37.682458	-122.470258 San Mateo
37.652222	-122.457219 San Mateo
37.701389	-122.465833 San Mateo
37.650108	-122.450117 San Mateo
37.700192	-122.450261 San Mateo
37.663433	-122.49216 San Mateo
37.421784	-122.280332 San Mateo
37.42003	-122.273873 San Mateo
37.663433	-122.49216 San Mateo
37.702639	-122.484997 San Mateo
37.702639	-122.484997 San Mateo
37.421505	-122.275102 San Mateo
38.065556	122.566389 Marin
38.078056	122.557778 Marin
38.097778	122.558056 Marin
38.122222	122.572778 Marin
38.098611	122.580556 Marin
38.070833	122.567222 Marin
38.068056	122.566944 Marin
38.098056	122.581111 Marin
38.058889	122.521944 Marin
38.059167	-122.529167 Marin
38.111111	122.609722 Marin
38.100833	122.606667 Marin
38.111111	122.561944 Marin
38.077778	122.561111 Marin
38.109722	122.611111 Marin
38.077778	122.561111 Marin
38.111111	122.561944 Marin
38.109722	122.611111 Marin
38.098333	122.578611 Marin
38.093333	122.564722 Marin
38.103333	122.582778 Marin
38.064722	122.545 Marin
38.103611	122.568333 Marin
38.080556	-122.519444 Marin
38.081389	122.558611 Marin
38.080833	122.521389 Marin
38.052222	122.507778 Marin
38.107222	122.590833 Marin
38.080556	122.558889 Marin
38.101389	-122.596944 Marin
38.095	122.619444 Marin
38.120833	-122.595 Marin
38.082222	122.566389 Marin
38.065	122.567778 Marin
38.083056	122.555833 Marin
38.066944	122.538889 Marin

[illegible]

MH on street surface

Sanitary sewer manhole located in the backyard of 294 Hampshire Court

MH on street surface

MH on street surface

See attachment

See attachment

Along golf cart path in a sewer easement on the Marin Country Club golf course

The spill occurred at the intersection of Cambridge St. and Stone Dr.

The spill occurred along a walking path easement adjacent to 100 Rowland Way

The overflow discharged into a ditch along W. Campus Dr. and then into a storm drain catch basin

End line manhole located in back yard easement area

The overflow occurred underneath the house at 689 Canyon Rd.

Lateral backup overflowed under the house and was fully contained within the foundation

Residential neighborhood

Residential neighborhood

Residential neighborhood

Lateral overflow next to foundation

Easement manhole overflowed immediately adjacent to a storm drain channel

Backyard easement

Residential neighborhood

1
1
1

Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Gravity sewer
Manhole
Manhole
Manhole
Other (specify)
Manhole
Manhole
Inside Building or Structure
Inside Building or Structure
Manhole
Gravity sewer
Manhole
Gravity sewer
Manhole
Manhole
Manhole
Pump station
Building or structure
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Manhole
Other sewer system structure
Manhole
Building or structure
Building or structure
Manhole
Building or structure
Building or structure
Manhole
Manhole
Manhole
Other sewer system structure
Manhole
Manhole
Manhole
Manhole
Pump station

N/A

Spill came from trench and overflowed from steel plate

Overflow from sidewalk

Influent wetwell

Influent wetwell

open lateral clean out

In the bathroom of 110 Emberson Ave

Lateral cleanout at 139 Wild Horse Dr. The lateral at this address was equipped with a back flow prevention device.

The manhole was not overflowing when District personnel arrived, but the street/curb and gutter were wet to the downstre

Other (specify below)
Other (specify below)
Beach
Other (specify below)
Other (specify below)
Other (specify below)
Separate storm drain
Separate storm drain
Other (specify below)
Storm drain
Other (specify below)
Other (specify below)
Street/curb and gutter
Surface water
Other (specify below)
Beach
Other (specify below)
Other (specify below)
Street/Curb and Gutter
Other (specify below)
Other (specify below)
Storm drain;Unpaved surface
Storm drain;Unpaved surface
Storm drain;Street/curb and gutter
Street/curb and gutter
Other (specify below)
Building or structure
Storm drain;Street/curb and gutter
Separate storm drain;Surface water
Storm drain;Street/curb and gutter
Unpaved surface
Storm drain;Street/curb and gutter;Surface water
Storm drain;Street/curb and gutter;Surface water
Storm drain;Street/curb and gutter;Surface water
Street/curb and gutter;Surface water
Storm drain;Street/curb and gutter;Surface water
Storm drain;Street/curb and gutter;Surface water
Storm drain;Street/curb and gutter;Surface water
Storm drain;Surface water
Unpaved surface
Storm drain;Street/curb and gutter
Building or structure
Building or structure
Storm drain;Street/curb and gutter
Building or structure;Unpaved surface
Building or structure
Storm drain;Street/curb and gutter
Storm drain;Street/curb and gutter
Street/curb and gutter;Other (specify below)
Unpaved surface
Separate storm drain;Surface water;Unpaved surface
Street/curb and gutter
Unpaved surface
Street/curb and gutter
Storm drain;Street/curb and gutter;Unpaved surface

Vac Con and returned to sanitary sewer
Pumped to sanitary sewer

Sanitary Sewer
fully captured overflow and dumped at wastewater treatment plant.
Sanitary Sewer

Pumped content of spill and cleanup to sanitary sewer

Spill and clean up water was pumped to the sanitary sewer system
Spill and wash water captured and returned to Sanitary Sewer

VacCon

Pacific Ocean
Pacific Ocean

The overflow went into a storm drain inlet. The SSO water and wash down water were contained in the storm drain and
The overflow was captured in the storm drain and fully contained. We recovered 100% of the overflow and washdown wa

Open space hillside

Warner Creek

The overflow occurred in the street and went into the storm drain. The overflow water was fully contained in two catch bas

The overflow reached the curb and gutter and entered a storm drain catch basin. District personell cleaned up the street a
The overflow occurred next to a drain inlet that went directly into Wilson Creek. This is a seasonal creek and there is no v
Lateral overflowed next to the foundation of the residence. The overflow soaked into open ground in very steep terrain. N

1/14/2008 12:32	1/14/2008 12:32	1/14/2008 12:45	1/14/2008 12:55
1/22/2008 12:00	1/22/2008 12:00	1/22/2008 12:11	1/22/2008 12:35
1/25/2008 18:15	1/25/2008 18:15	1/25/2008 18:15	1/25/2008 18:30
4/21/2008 6:30	4/21/2008 6:30	4/21/2008 6:30	4/21/2008 6:33
1/3/2009 10:30	1/3/2009 10:30	1/3/2009 10:30	1/3/2009 10:55
2/12/2009 15:45	2/12/2009 15:45	2/12/2009 15:55	2/12/2009 16:27
2/20/2009 8:06	2/20/2009 8:06	2/20/2009 8:25	2/20/2009 8:32
2/20/2009 8:58	2/20/2009 8:58	2/20/2009 9:00	2/20/2009 9:37
4/20/2009 7:10	4/20/2009 7:10	4/20/2009 7:30	4/20/2009 7:53
6/30/2009 20:00	6/30/2009 20:00	6/30/2009 20:25	6/30/2009 20:30
7/10/2009 8:40	7/10/2009 8:40	7/10/2009 8:44	7/10/2009 8:50
7/12/2009 13:37	7/12/2009 13:37	7/12/2009 13:37	7/12/2009 13:42
9/7/2010 22:25	9/7/2010 22:25	9/7/2010 22:25	9/7/2010 22:50
5/16/2011 8:30	5/16/2011 8:30	5/16/2011 8:55	5/16/2011 9:05
2/26/2012 11:45	2/26/2012 11:45	2/26/2012 11:45	2/26/2012 12:18
12/2/2012 9:50	12/2/2012 9:50	12/2/2012 9:50	12/2/2012 11:30
9/21/2013 11:00	9/21/2013 11:00	9/21/2013 11:00	9/21/2013 11:25
9/21/2013 11:00	9/21/2013 11:00	9/21/2013 11:00	9/21/2013 11:25
11/21/2013 16:00	11/21/2013 16:00	11/21/2013 16:15	11/21/2013 16:20
6/18/2007 0:00	6/18/2007 10:35	6/18/2007 10:50	6/18/2007 11:10
6/29/2007 0:00	6/29/2007 8:30	6/29/2007 8:45	6/29/2007 9:15
7/6/2007 0:00	7/6/2007 8:30	7/6/2007 9:00	7/6/2007 9:15
8/11/2007 0:00	8/11/2007 18:30	8/11/2007 18:45	8/11/2007 18:55
8/23/2007 0:00	8/23/2007 7:08	8/23/2007 7:30	8/23/2007 7:30
9/1/2007 0:00	9/1/2007 11:07	9/1/2007 11:30	9/1/2007 11:30
9/7/2007 0:00	9/7/2007 1:10	9/7/2007 1:25	9/7/2007 2:15
9/14/2007 0:00	9/14/2007 7:40	9/14/2007 8:00	9/14/2007 9:00
9/13/2007 0:00	9/13/2007 10:25	9/13/2007 11:20	9/13/2007 10:00
9/24/2007 0:00	9/24/2007 15:15	9/24/2007 15:35	9/24/2007 15:45
10/15/2007 0:00	10/15/2007 9:40	10/15/2007 10:00	10/15/2007 10:20
10/24/2007 0:00	10/24/2007 11:25	10/24/2007 11:45	10/24/2007 0:50
1/4/2008 0:00	1/4/2008 9:10	1/4/2008 9:30	1/4/2008 14:00
1/4/2008 0:00	1/4/2008 14:10	1/4/2008 14:30	1/4/2008 15:10
1/4/2008 0:00	1/4/2008 9:15	1/4/2008 9:30	1/4/2008 19:30
1/7/2008 0:00	1/7/2008 12:50	1/7/2008 13:05	1/7/2008 13:40
1/25/2008 0:00	1/25/2008 14:45	1/25/2008 14:45	1/26/2008 3:30
1/25/2008 0:00	1/25/2008 13:20	1/25/2008 11:00	1/26/2008 7:00
1/25/2008 0:00	1/25/2008 20:30	1/25/2008 20:30	1/25/2008 22:00
1/26/2008 0:00	1/26/2008 1:15	1/26/2008 1:25	1/26/2008 4:30
1/6/2008 0:00	1/7/2008 9:15	1/7/2008 10:00	1/7/2008 0:00
2/19/2008 0:00	2/19/2008 15:15	2/19/2008 15:30	2/19/2008 15:45
1/28/2008 0:00	1/28/2008 14:00	1/28/2008 14:00	1/28/2008 14:45
3/7/2008 0:00	3/7/2008 16:20	3/7/2008 16:40	3/7/2008 18:00
3/8/2008 0:00	3/8/2008 9:05	3/8/2008 9:20	3/8/2008 9:48
3/26/2008 0:00	3/26/2008 10:00	3/26/2008 10:15	3/26/2008 14:00
3/29/2008 0:00	3/29/2008 15:40	3/29/2008 16:07	3/29/2008 16:27
4/26/2008 0:00	4/26/2008 13:00	4/26/2008 13:30	4/26/2008 13:40
5/4/2008 0:00	5/4/2008 7:50	5/4/2008 8:15	5/4/2008 8:20
6/21/2008 0:00	6/21/2008 8:30	6/21/2008 9:00	6/21/2008 9:20
7/11/2008 0:00	7/11/2008 16:50	7/11/2008 17:00	7/11/2008 17:58
7/20/2008 0:00	7/22/2008 15:50	7/22/2008 16:10	7/22/2008 16:40
8/13/2008 0:00	8/13/2008 8:05	8/13/2008 8:30	8/13/2008 8:40
8/22/2008 0:00	8/22/2008 13:30	8/22/2008 13:30	8/22/2008 14:20
9/1/2008 0:00	9/1/2008 9:20	9/1/2008 9:55	9/1/2008 9:55
9/5/2008 0:00	9/5/2008 18:35	9/5/2008 19:05	9/5/2008 19:10

Other (specify below)
Root intrusion
Rainfall exceeded design
Other (specify below)
Debris
Root intrusion
Root intrusion
Other (specify below)
Debris-Rags
Pipe structural problem/failure
Grease deposition (FOG)
Other (specify below)
Pump station failure
Pipe structural problem/failure
Debris-Rags
Other (specify below)
Pump Station Failure-Mechanical
Pump Station Failure-Mechanical
Root Intrusion
Root intrusion
Root intrusion
Pipe structural problem/failure
Other (specify below)
Root intrusion
Root intrusion
Other (specify below)
Root intrusion
Pump station failure
Other (specify below)
Root intrusion
Root intrusion
Flow exceeded capacity
Grease deposition (FOG)
Flow exceeded capacity
Root intrusion
Flow exceeded capacity
Flow exceeded capacity
Flow exceeded capacity
Flow exceeded capacity
Pump station failure
Grease deposition (FOG)
Root intrusion
Root intrusion
Other (specify below)
Grease deposition (FOG)
Other (specify below)
Grease deposition (FOG)
Grease deposition (FOG)
Grease deposition (FOG)
Root intrusion
Root intrusion
Grease deposition (FOG)
Root intrusion
Root intrusion
Root intrusion
Pump station failure

Odor block in Manhole broke free and plugged mainline

Problem with wetwell level probe inside well sending false signals to micro-mac, causing level fluctuation.

Roots dislodged when clearing a mainline stoppage causing another stoppage

Broken mop head and rags

Due to construction activity, inflatable plug broke existing line causing debris to fall in new line causing backup in trench and

Area is part of a sewer main replacement jobsite. Spill was caused by a construction sand bag that plugged the mainline.

Phase modifier failed possibly due to PGE power spike upon return of power.

Gravity main failure due to horizontal drilling operation next to main

Grease and Rags

Spill was caused by root intrusion at the outflow pipe in a manhole. It was a momentary occurrence as the manhole was not

Roots and debris at outflow pipe in unlisted manhole

This spill occurred due to an air relief valve failure that allowed the main line to air lock. It was a one time occurrence by roots, rags and grease

A root mass broke off and partially blocked the outlet pipe in the overflow manhole.

The cause of this stoppage was undetermined, although the District main was surcharged at the time of occurrence due to
: The cause of this overflow was determined to be root intrusion and grease buildup. We cleared the blockage and recovered
Contractor failed to connect lateral during mainline replacement project This overflow was the result of contractor error, a

After video inspecting the main, District personnel determined that root intrusion was the primary cause of this overflow.

Root intrusion immediately downstream for the lateral caused the stoppage

This stoppage was caused by a grease/root blockage in District sewer main created by a severe sag in the mainline

This spill was caused by a partial root blockage and debris.

Other (specify below)

Main
Main
Main

Main
Main
Other (specify below)
Main
Main
Other (specify below)
Pump Station-Mechanical
Pump Station-Mechanical
Gravity Mainline

ot overflowing when we arrived.

all indications.
Main

ired about 100% of the overflow and wash-dowr
failure to reconnect the common lateral for thes

Main
Main
Main
Main

Main
Other (specify below)

Manhole

Electrical Component problem at station.

MCC panel at Belcrest Lift Station

1 water. The overflow water that went into the storm drain system was fully captured and recovered. We televised the sewer units during a sewer main replacement project.

Root intrusion at joint

Bubbler system malfunctioned

8 vcp

6 vcp

6 vcp

No
No
No

6 vcp

6 plastic

8 clay

6 acp

6 vcp

8 vcp

15

er mainline section that over

6 vcp

6 vcp

6 vcp

6 vcp

6 vcp

60

47

19

53

32

35

51

42

43

43

1962

46

sewage did not reach storm drains it pooled in a swale and was vacuumed up. Area cleaned.

Prolonged and excessive rainfall led to capacity and pumping problem. Use of tandem Vaccons to vacuum flow in MH u

Repair has been made to problem area.

Recovered 100% of SSO and washdown water and replaced broken pipe section

We flushed and cleaned the storm drain and recovered 100% of the overflow and washdown water. We cleaned and tele
The manhole was not overflowing when the operator arrived. The spill amount is based on observation of the affected ar

This stoppage was caused by a root/grease blockage in the sewer main. The overflow went into the lawn area of an adjac

Monitored overflow until storm related surcharge abated.

District personnell relieved the blockage, cleaned up the overflow and washdown water and returned 100% of the spill volu
This spill occurred while Novato Sanitary District personell were performing line cleaning duties using a hydraulic rodde

We cleared the blockage and recovered 100% of the overflow and wash-down water. The overflow water that went into th
The overflow occurred under these units and was fully contained within the foundation. The overflow amount was determi

Distributed FOG door hangers in the neighborhood and placed the affected line segment on an accelerated preventive m
Wilson creek was posted with public notification warning signs on 6/21/2008. The warning signs were removed per Rober

This overflow occurred in an area approximately ¼ mile from Novato Creek but went directly into a large diameter storm

Used mechanical rodde to relieve blockage, cleaned up dirt area around manhole. Cctv inspection will be scheduled nex

1/25/2008 22:20

2/20/2009 8:32

2/20/2009 9:37

7/12/2009 13:42

5/16/2011 11:00

12/2/2012 11:30

9/21/2013 11:25

9/21/2013 11:25

9/24/2007 0:00

10/15/2007 11:15

1/17/2008 12:00

1/4/2008 16:15

1/17/2008 12:00

1/17/2008 12:00

1/26/2008 16:30

1/26/2008 16:30

1/25/2008 22:00

1/30/2008 16:30

6/25/2008 14:00

7/31/2008 15:00

Other (specify below)

Adjusted schedule/method of preventive maintenance

Adjusted schedule/method of preventive maintenance

Repaired sewer

Repaired sewer

Other (specify below)

Repaired Facilities or Replaced Defect

Repaired Facilities or Replaced Defect

Plan rehabilitation or replacement of sewer

Added sewer to preventive maintenance program

Plan rehabilitation or replacement of sewer

Adjusted schedule/method of preventive maintenance;Enforcement action against FOG source;Plan rehabilitation or repl

Plan rehabilitation or replacement of sewer

Adjusted schedule/method of preventive maintenance;Plan rehabilitation or replacement of sewer

Plan rehabilitation or replacement of sewer

Added sewer to preventive maintenance program;Plan rehabilitation or replacement of sewer

Plan rehabilitation or replacement of sewer

Other (specify below)

Adjusted schedule/method of preventive maintenance

Adjusted schedule/method of preventive maintenance;Plan rehabilitation or replacement of sewer

Investigate sources of inflow further.

Sand bag removed from sewer

Televised mainline and found multiple sections of broken pipe. Replaced 20ft. of broken pipe that was identified as the cause.

Replace failed electrical components at Lift station.

This sewer line has been replaced to prevent future overflows at a cost of \$247,764.20.

This overflow was caused by intermittent power outages and storm related surcharge that affected the Marin Village lift station.

This line segment and others on Shields Ln. will be added to the District's chemical root abatement program in 2008. The

This sag has been repaired and the sewer line returned to proper grade, eliminating the problem at a cost of \$21,209.70.

Yes

Yes
No

No

No

No
No
No

Yes
No

No
No
No
No
No
No
No
No

No

No

Receiving waters looked normal

There were no signs of the overflow in the creek because the receiving creek was at flood stage

No visible impact on receiving waters

There was no visual impact to the creek. It was at flood stage when the overflow occurred.

No visual impact receiving waters, creek was at flood stage at the time of the spill

There was no visual impact to the receiving water. The creek was at flood stage when the overflow occurred.

The spill did not reach receiving water. The creek bed was dry at the time of the overflow. After cleanup, there was no visible

Slightly cloudy at entrance of drainage channel to Novato Creek. No evidence of fish kill, numerous fish seen swimming freely

na

No

No
No

No
No

No
No
No

No
No

Yes
No

No
No
No
No
No
No
No
No

Yes
Yes

NA

NA
NA

NA

NA
NA

NA
na

na
na
na
na
na
na
na
na
na

NA

na

Pacific Ocean

San Francisco Bay
San Francisco Bay

NA

Pacific Ocean

Not Applicable, water did not reach any Waters of the State

Pacific Ocean just west of coast. No designated beach .Area is very remote and not easily accessible.

Pacific Ocean

Pacific Ocean

Pacheco Creek
na

Rush Creek
Orroyo San Jose
Warner Creek/Novato Creek
Arroyo San Jose
Rush Creek
Warner Creek/Novato Creek
Warner Creek
Scottsdale Marsh

Wilson Creek

Novato Creek

No water quality samples taken

No water quality samples taken
No water quality samples taken

Not applicable to this spill

No water quality samples taken

Biological indicator(s) - specify below
No water quality samples taken
No water quality samples taken

Biological indicator(s) - specify below
Not applicable to this spill

No water quality samples taken
No water quality samples taken
No water quality samples taken
Dissolved oxygen
No water quality samples taken
No water quality samples taken
No water quality samples taken
No water quality samples taken

No water quality samples taken;Not applicable to this spill

Dissolved oxygen;Biological indicator(s) - specify below

Samples taken for in-house testing for fecal and coliform. Will take second set of samples within 24 hrs for testing by an c

Enterrocacous

Ammonia enterrocacus

enterrocacus ammonia

No water quality samples taken

No water quality samples taken
No water quality samples taken

No water quality samples taken

No water quality samples taken

County Health Agency
No water quality samples taken
No water quality samples taken

Regional Water Quality Control Board
None of the above

None of the above
None of the above
County Health Agency
None of the above
None of the above
None of the above
None of the above
None of the above

No water quality samples taken;Not applicable to this spill

County Health Agency

Sample results available on request

NA

5 gallons per minute for 25 minutes = 125 gallons
5 gallons per minute for 25 minutes = 125 gallons

	90044	1/3/2009 15:03
	91217	2/12/2009 16:45
	91468	2/20/2009 9:18
	91473	2/20/2009 10:14
	93088	4/20/2009 8:07
	94717	6/30/2009 22:00
	94924	7/10/2009 10:39
	94959	7/12/2009 15:10
	105391	9/7/2010 23:27
	113013	5/16/2011 10:17
	121114	2/26/2012 1:54
	127320	12/2/2012 13:52
13-5942		9/21/2013 12:12
13-5942		9/21/2013 12:12

	75840	9/24/2007 5:49
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	80109	1/4/2008 20:50
	80111	1/4/2008 21:02
	80110	1/4/2008 20:59
	80263	1/7/2008 20:18
	80734	1/25/2008 21:43
	80733	1/25/2008 21:37
	80927	1/30/2008 16:00
	80928	1/30/2008 16:08

	84420	6/21/2008 10:58
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	85362	7/22/2008 17:35
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Kevin Brown, Chief of Opertion
Kevin Brown, Chief of Opertion
Daniel Pray Collections system field supervisor

6509918204
6509918204
6505150262